



**FULLY EXECUTED**  
Contract Number: 4400027236  
Original Contract Effective Date: 12/23/2022  
Valid From: 01/01/2023 To: 12/31/2025

All using Agencies of the Commonwealth, Participating Political  
Subdivision, Authorities, Private Colleges and Universities

**Purchasing Agent**

Name: Wisniewski Jessica  
Phone: 717-265-8863  
Fax: 717-783-6241

Your SAP Vendor Number with us: 155099

**Supplier Name/Address:**  
K & C COMMUNICATIONS  
4120 SWATARA DR STE 100  
HARRISBURG PA 17113-1000 US

**Please Deliver To:**

To be determined at  
the time of the Purchase Order  
unless specified below.

Supplier Phone Number: 7175610800  
Supplier Fax Number: 717-561-9805

**Contract Name:**  
Two-Way Radio Equip/Serv - K & C Comm

**Payment Terms**  
NET 30

Solicitation No.: \_\_\_\_\_ Issuance Date: \_\_\_\_\_  
Supplier Bid or Proposal No. (if applicable): \_\_\_\_\_ Solicitation Submission Date: \_\_\_\_\_

This contract is comprised of: The above referenced Solicitation, the Supplier's Bid or Proposal, and any documents attached to this Contract or incorporated by reference.

Item	Material/Service Desc	Qty	UOM	Price	Per Unit	Total
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**General Requirements for all Items:**

**Header Text**

This is a solicitation for the purchase of Two-Way Radio Equipment & Services in accordance with the exact specifications as described in Invitation for Bid #6100055625.

12.5.23 - Contract Manager updated to Jessica Wisniewski. jw  
No further information for this Contract

**Information:**

Supplier's Signature \_\_\_\_\_  
Printed Name \_\_\_\_\_

Title \_\_\_\_\_  
Date \_\_\_\_\_



**FULLY EXECUTED**

Contract Number: 4400027236

Original Contract Effective Date: 12/23/2022

Valid From: 01/01/2023 To: 12/31/2025

All using Agencies of the Commonwealth, Participating Political Subdivision, Authorities, Private Colleges and Universities

**Purchasing Agent**

Name: Hosler Raeden

Phone: 717-787-4103

Fax:

Your SAP Vendor Number with us: 155099

**Supplier Name/Address:**

K & C COMMUNICATIONS  
4120 SWATARA DR STE 100  
HARRISBURG PA 17113-1000 US

**Please Deliver To:**

To be determined at the time of the Purchase Order unless specified below.

Supplier Phone Number: 7175610800

Supplier Fax Number: 717-561-9805

**Contract Name:**

Two-Way Radio Equip/Serv - K & C Comm

**Payment Terms**

NET 30

Solicitation No.:

Issuance Date:

Supplier Bid or Proposal No. (if applicable):

Solicitation Submission Date:

This contract is comprised of: The above referenced Solicitation, the Supplier's Bid or Proposal, and any documents attached to this Contract or incorporated by reference.

Item	Material/Service Desc	Qty	UOM	Price	Per Unit	Total
2	Two-Way Radio Equipment	0.000		0.00	1	0.00
3	Two-Way Radio Services	0.000		0.00	1	0.00
4	Two-Way Radio Maintenance/Support	0.000		0.00	1	0.00

**General Requirements for all Items:**

**Header Text**

This is a solicitation for the purchase of Two-Way Radio Equipment & Services in accordance with the exact specifications as described in Invitation for Bid #6100055625.

No further information for this Contract

**Information:**

Supplier's Signature \_\_\_\_\_

Title \_\_\_\_\_

Printed Name \_\_\_\_\_

Date \_\_\_\_\_



**ORIGINAL**  
**BID - Invitation For Bid**  
**P00764498 03/22/2022 09:51**

BID Effective Date:

06/20/2022

Bid Invitation Number:

6100055625

**Issuing Office:**

Raeden Hosler  
 Commonwealth of Pennsylvania  
 US

**Supplier Name/Address:**

Your SAP Vendor Number with us: \_\_\_\_\_

**Please Return Quotation to:**

Commonwealth of Pennsylvania  
 US

**Type of Security furnished if required:**

- Certified bank cashier's check
- Irrevocable letter of credit
- Certificate of deposit
- Other as specified by bid
- Bond - If annual bond:

What is the name of the principal on the bond? \_\_\_\_\_

**Return Bid by:**

**Bid Ending Date:**  
 07/19/2022

**Bid Ending Time:**  
 13:00:00

**Expiration Date of Contract (if applicable)**

**Delivery Date:**  
 See Items

**Please Deliver To:**

**Procurement Contact:**

Buyer: Raeden Hosler  
 Phone:  
 Fax:

This Invitation For Bids is comprised of: Part I, General Information; Part II, Bid Requirements; Part III, Criteria For Selection; Part IV, IFB Specifications; Part V, Contract Clauses; any documents attached to this Invitation For Bids or incorporated by reference; and any addenda issued by the Issuing Office prior to Bid Opening.

Supplier's Signature \_\_\_\_\_ Title \_\_\_\_\_

Printed Name \_\_\_\_\_ Date \_\_\_\_\_

The Bidder has completed and submitted this Bid in accordance with the instructions and requirements and terms and conditions of the Invitation For Bid. The Bidder has attached documents that are required to be submitted with this Bid and those attachments are incorporated by reference and made a part of this Bid. The Bidder, intending to be legally bound hereby, offers and agrees, if this Bid is accepted, to provide the awarded items at the price(s) set forth in this Bid at the time(s) and place(s) specified.

Item	Material/Service Desc	Qty	UOM	Unit Price	Total Line Item Price
1	Two-way Radio Equipment	1.000	Each	\$ _____	\$ _____

**General Requirements for all Items:**

**Header Text**

This is a solicitation for the purchase of Two-Way Radio Equipment & Services in accordance with the exact specifications as described in Invitation for Bid #600055625. Reference Item Tendering Text for full line item specifications. Should you have any questions on this solicitation please contact Raeden Hosler at: RA-GSITPROCUREMENT@pa.gov SUBJECT: RFX 600055625. Please read and reference "1. Specifications".

**ALL PRICES ARE F.O.B. DESTINATIONS**

List of Items Continued on Following Page







**ORIGINAL**  
**BID - Invitation For Bid**  
**P00764498 03/22/2022 09:51**  
**Original Approval Date: 06/07/2022**

**Page 3 of 3**

**Supplier Name:** \_\_\_\_\_

**\*\*\* Attributes Page \*\*\***

\*\*\* No further information for this bid \*\*\*

**Mandatory QUESTION #02** - Is the offer in accordance with the "Representations and Authorizations" listed in section "Submission – 001.1" of the attached solicitation document?

**Response:**

**Mandatory QUESTION #01** - Has the submitter read, and does the submitter understand, the "Representations and Authorizations" listed in section "Submission – 001.1" of the attached solicitation document?

**Response:**

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## **PART I - GENERAL INFORMATION**

### **PART I - GENERAL INFORMATION**

#### **I.1 IFB-001.1 Purpose (Oct 2006)**

The Commonwealth of Pennsylvania (Commonwealth) is issuing this Invitation for Bids (IFB) to meet the needs of VARIOUS PER PURCHASE ORDER to satisfy a need for Two-Way Radio Equipment & Related Services.

#### **I.2 IFB-005.1 Type of Contract (Oct. 2006)**

If the Issuing Office enters into a contract as a result of this IFB, it will be a contract containing the Contract Terms and Conditions as shown in Part V of this IFB.

#### **I.3 IFB-008.1C No Pre-bid Conference (Oct. 2006)**

There will be no pre-bid conference for this IFB. If there are any questions, please forward them to the Issuing Office prior to the bid opening date and time.

#### **I.4 IFB-009.1 Questions (February 2012)**

All questions regarding the IFB must be submitted in writing to the email address of the Issuing Officer provided in the solicitation. While there is no set timeline for the submittal of questions, questions received within 48 hours prior to the bid due date and time will be answered at the discretion of the Commonwealth. All questions received will be answered, in writing, and such responses shall be posted to eMarketplace as an addendum to the IFB. The Issuing Officer shall not be bound by any verbal information nor shall it be bound by any written information that is not either contained within the IFB or formally issued as an addendum by the Issuing Office. The Issuing Office does not consider questions to be a protest of the specifications or of the solicitation.

#### **I.5 IFB-010.1 Addenda to the IFB (Oct. 2006)**

If the Issuing Office deems it necessary to revise any part of this IFB before the bid response date, the Issuing Office will post an addendum to its website at <HTTPS://WWW.DGS.PA.GOV/PAGES/DEFAULT.ASPX> it is the Bidder's responsibility to periodically check the website for any new information or addenda to the IFB.

#### **I.6 IFB-011.1B Submission of Bids – Electronic Submittal (May 2011)**

- a. Bids are requested for the item(s) described in the Invitation For Bids and all the documents referenced in the form (collectively called the IFB). Bidders must submit their bids through the Commonwealth's electronic system (SRM).
- b. It is the responsibility of each bidder to ensure that its Bid is received through the electronic system prior to the date and time set for the opening of bids ("Bid Opening Time"). No Bid shall be considered if it arrives after the Bid Opening Time, regardless of reason for the late arrival.

Bids that are timely received prior to the Bid Opening Time shall be opened publicly in the presence of one or more witnesses at the time and place designated in this IFB for the Bid opening.

- c. Bids must be firm. If a Bid is submitted with conditions or exceptions or not in conformance with the terms

and conditions referenced in the IFB Form, it shall be rejected. The Bid shall also be rejected if the items offered by the Bidder are not in conformance with the specifications as determined by the Commonwealth.

d. The Bidder, intending to be legally bound hereby, offers and agrees, if this Bid is accepted, to provide the awarded items at the price(s) set forth in this Bid at the time(s) and place(s) specified.

#### **I.7 IFB-024.1 Bid Protest Procedure (April 2016)**

The Bid Protest Procedure is on the DGS website at

<http://www.dgs.pa.gov/Documents/Procurement%20Forms/Handbook/Pt1/Pt%20I%20Ch%2058%20Bid%20Protests.pdf>

#### **I.8 IFB-025.1 Electronic Version of this IFB (Oct 2006)**

This IFB is being made available by electronic means. If a Bidder electronically accepts the IFB, the Bidder acknowledges and accepts full responsibility to insure that no changes are made to the IFB. In the event of a conflict between a version of the IFB in the Bidder's possession and the Issuing Office's version of the IFB, the Issuing Office's version shall govern.

#### **I.9 IFB-027.1 COSTARS Program (January 2017)**

**COSTARS Purchasers.** Section 1902 of the Commonwealth Procurement Code, 62 Pa.C.S. § 1902 (“Section 1902”), authorizes local public procurement units and state-affiliated entities (together, “COSTARS Members”) to participate in Commonwealth procurement contracts that the Department of General Services (“DGS”) may choose to make available to COSTARS Members. DGS has identified this Contract as one which will be made available for COSTARS Members’ participation.

A. Only those entities registered with DGS are authorized to participate as COSTARS Members in this Contract. A COSTARS Member may be either a local public procurement unit or a state-affiliated entity.

1. A “local public procurement unit” is:

- Any political subdivision (local government unit), such as a municipality, school district, or commission;
- Any public authority (including authorities formed under the Municipality Authorities Act of 1955 or other authorizing legislation, such as the Public Transportation Law or the Aviation Code);
- Any tax-exempt, nonprofit educational institution or organization;
- Any tax-exempt, nonprofit public health institution or organization;
- Any nonprofit fire, rescue, or ambulance company; and
- Any other entity that spends public funds for the procurement of supplies, services, and construction (such as a council of governments, an area government, or an organization that receives public grant funds).

The Department reserves the right to review and determine eligible applicants as Local Public Procurement Units on a case-by-case basis.

2. A state-affiliated entity is a Commonwealth authority or other Commonwealth entity that is not a Commonwealth agency. The term includes:

- The Pennsylvania Turnpike Commission;
- The Pennsylvania Housing Finance Agency;
- The Pennsylvania Municipal Retirement System;
- The Pennsylvania Infrastructure Investment Authority;
- The State Public School Building Authority;

- The Pennsylvania Higher Education Facilities Authority, and
- The State System of Higher Education.

The COSTARS Program is not available for use by Executive Agencies and Independent Agencies as defined by the Commonwealth Procurement Code, or any agency or entity using funds appropriated to the Department of General Services through Capital Budget Project Itemization legislation for the procurement of furniture, fixtures, and equipment.

3. A complete list of local public procurement units and state-affiliated entities that have registered with DGS and that are authorized to procure items from the Contract can be found at <http://www.costars.state.pa.us/SearchCOMember.aspx>

B. COSTARS Members have the option to purchase from this Contract, from any DGS contract established exclusively for COSTARS Members in accordance with the requirements of Section 1902, from any other cooperative procurement contracts, or from their own procurement contracts established in accordance with the applicable laws governing such procurements. The Contractor understands and acknowledges that there is no guarantee that a COSTARS Member will place an order under this Contract, and that the decision to procure from this Contract is within the sole discretion of each COSTARS Member.

C. DGS is acting as a facilitator for COSTARS Members who may wish to purchase under this Contract. COSTARS Members that participate in this Contract and issue purchase orders (“POs”) to Contractors are third party beneficiaries who have the right to sue and be sued for breach of this Contract without joining the Commonwealth or DGS as a party. The Commonwealth will not intervene in any action between a Contractor and a COSTARS Member unless substantial interests of the Commonwealth are involved.

D. COSTARS Members electing to participate in this Contract will order items directly from the Contractor and be responsible for payment directly to the Contractor.

E. Those Contractors electing to permit COSTARS Members to procure from this Contract shall pay the Required Administrative Fee applicable to the Contractor’s classification:

<b>Contractor Classification</b>	<b>Required Administrative Fee</b>
DGS-verified Small Diverse Business Bidder	\$166
DGS Self-Certified Small Business Bidder	\$500
All Other Bidders	\$1,500

1. Each bidder electing to permit COSTARS Members to participate in the Contract must submit the COSTARS Program Election to Participate form with its bid submittal and pay the applicable Administrative Fee upon Contract award in order to sell the awarded items/services to COSTARS Members. If the bidder is a Department of General Services Self-Certified Small Business or Department of General Services-verified Small Diverse Business, a copy of its active Small Business Contracting Program certificate must be included with the bid submittal.

2. At the beginning of each Contract year and upon any Contract renewal, the Contractor shall submit a check for the required amount, payable to “Commonwealth of PA”. The Contractor must pay the Administrative Fee at each contract renewal date to continue to sell the awarded items/services to COSTARS Members.

F. DGS has registered the COSTARS name and logo (together, the “COSTARS Brand”) as a trademark with the Pennsylvania Department of State. Therefore, the Contractor may use the COSTARS Brand only as permitted under in this Subsection.

1. The Contractor shall pay the Administrative Fee covering its participation in the program, including without limitation any use of the COSTARS Brand, for each year of the Contract period. The fee is payable upon Contract

award and prior to the renewal date for each succeeding Contract period.

2. DGS grants the Contractor a nonexclusive license to use the COSTARS Brand, subject to the following conditions:

a. The Contractor agrees not to transfer to any third party, including without limitation any of its subcontractors or suppliers, any privileges it may have to use the COSTARS Brand under this Contract.

b. The Contractor agrees not to use the COSTARS Brand to represent or imply any Commonwealth endorsement or approval of its products or services.

c. The Contractor is permitted to use the COSTARS Brand in broadcast, or Internet media solely in connection with this Contract and any other Contract with the Commonwealth under which it has agreed to make sales to COSTARS Purchasers. The Contractor may use the COSTARS Brand on business cards, brochures, and other print publications so long as the purpose is to identify the Contractor as a COSTARS vendor, and only so long as the required Contract fee is kept current.

d. Should this Contract terminate for any reason, the Contractor agrees promptly to remove the COSTARS Brand from any and all print and electronic media and to refrain from using the COSTARS Brand for any purpose whatsoever from the date of Contract termination forward.

e. The Contractor agrees to defend, indemnify, and hold harmless the Commonwealth of Pennsylvania and DGS from and against all claims, demands, liabilities, obligations, costs, and expenses of any nature whatsoever arising out of or based upon the Contractor's use of the COSTARS Brand.

f. The Contractor agrees it has no property rights in the use of the COSTARS Brand by virtue of this nonexclusive license. The Contractor expressly waives any claims, including without limitation due process claims that may otherwise be available under the law in the event of any dispute involving these terms of use.

G. The Contractor shall furnish to the DGS COSTARS Program Office a quarterly electronic Contract sales report detailing the previous quarter's Contract purchasing activity, using the form and in the format prescribed by DGS. The Contractor shall submit its completed quarterly report no later than the fifteenth calendar day of the succeeding Contract quarter.

1. The Contractor shall submit the reports through the web-based COSTARS Suppliers' Gateway of the PA Supplier Portal at <https://pasupplierportal.state.pa.us/irj/portal/anonymous> , Enterprise Applications. If a Contractor does not have access to the Internet, the Contractor shall send the reports, using the form and in the format prescribed by DGS, on compact disc via US Postal Service to the DGS COSTARS Program Office, Bureau of Procurement, 6th Floor Forum Place, 555 Walnut Street, Harrisburg, PA 17101-1914.

2. For each PO received, the Contractor shall include on the report the name and address of each COSTARS-Registered Purchaser that has used the Contract along with the sales date, and dollar volume of sales to the specific Purchaser for the reporting period.

3. DGS may suspend the Contractor's participation in the COSTARS Program for failure to provide the Quarterly Sales Report within the specified time.

H. Additional information regarding the COSTARS Program is available on the DGS COSTARS Website at [www.costars.state.pa.us](http://www.costars.state.pa.us) .

1. If the Contractor is aware of any qualified entity not currently registered and wishing to participate in the COSTARS Program, please refer the potential purchaser to the DGS COSTARS Website at [www.costars.state.pa.us](http://www.costars.state.pa.us) , where it may register by completing the online

registration form and receiving DGS confirmation of its registration. To view a list of currently-registered COSTARS member entities, please visit the COSTARS website.

2. Direct all questions concerning the COSTARS Program to:

Department of General Services  
COSTARS Program  
555 Walnut Street, 6th Floor  
Harrisburg, PA 17101  
Telephone: 1-866-768-7827  
E-mail [GS-PACostars@pa.gov](mailto:GS-PACostars@pa.gov)

**I.10 IFB-029.1 Prices (Dec 6 2006)**

The bid submitted by the successful Bidder will be incorporated into any resulting Contract and the Bidder will be required to provide the awarded item(s) at the prices quoted in its Bid.

**I.11 IFB-030.1 Approved Equal (Nov 2006)**

Whenever an item is defined in this IFB by trade name and catalogue number of a manufacturer or vendor, the term 'or approved equal,' if not inserted therewith shall be implied. Any reference to a particular manufacturer's product either by trade name or by limited description is solely for the purpose of more clearly indicating the minimum standard of quality desired, except where a 'no substitute' is requested. When a 'no substitute' is requested, the Issuing Office will consider Bids for the referenced product only. The term 'or approved equal' is defined as meaning any other make which, in the sole opinion of the Issuing Office, is of such character, quality, and performance equivalence as to meet the standard of quality of products specified for which it is to be used equally as well as that specified. A Bidder quoting on a product other than the referenced product shall: a) furnish complete identification in its Bid of the product it is offering by trade name, brand and/or model number; b) furnish descriptive literature and data with respect to the substitute product it proposes to furnish; and c) indicate any known specification deviations from the referenced product.

**I.12 IFB-031.1 Alternates (Oct 2013)**

A Bidder who wants to offer an alternate must notify the Issuing Office in writing, at least five (5) days prior to the scheduled Bid opening, that the Bidder intends to offer an alternate in its Bid. An "alternate" is a product that deviates from the requirements of the specifications in its composition, qualities, performance, size dimension, etc. The written notification from the Bidder must include a complete description of the alternate and must identify the product's deviations from the specifications. Upon receipt of the notification, the Issuing Office will determine whether the alternate is acceptable. If the Issuing Office, in its discretion, determines that the alternate is acceptable, the Issuing Office will issue a change notice to the invitation for bids that revises the specifications. If no change notice is issued revising the specification, a Bid offering the alternate will not be considered for award. If an item or items in the IFB are designated "no substitute," this provision does not apply and no alternate may be proposed by a bidder nor will any alternate be considered by the Issuing Office.

**I.13 IFB-032.1 New Equipment (Nov 2006)**

Unless otherwise specified in this invitation for bids, all products offered by Bidders must be new or remanufactured. A 'new' product is one that will be used first by the Commonwealth after it is manufactured or produced. A 'remanufactured' product is one which: 1) has been rebuilt, using new or used parts, to a condition which meets the original manufacturer's most recent specifications for the item; 2) does not, in the opinion of the Issuing Office, differ in appearance from a new item; and 3) has the same warranty as a new item. Unless otherwise specified in this invitation for bids, used or reconditioned products are not acceptable. This clause shall not be construed to prohibit Bidders from offering products with recycled content, provided the product is new or remanufactured.



#### **I.14 I-IFB-033.1 Modification or Withdrawal of Bid (Nov 2006)**

- a. Bid Modification Prior to Bid Opening. Bids may be modified only by written notice or in person prior to the exact hour and date specified for Bid opening.
- 1) If a Bidder intends to modify its Bid by written notice, the notice must specifically identify the Bid to be modified and must be signed by the Bidder. The Bidder must include evidence of authorization for the individual who signed the modification to modify the Bid on behalf of the Bidder. The Bid modification must be received in a sealed envelope. The sealed envelope must identify the assigned Collective Number and the Bid Opening Time, and should state that enclosed in the envelope is a Bid modification
  - 2) If a Bidder intends to modify its Bid in person, the individual who will modify the Bid must arrive in the Bid Opening Room prior to the Bid Opening Time, show a picture identification and provide evidence of his/her authorization to modify the Bid on behalf of the Bidder. If a Bidder intends to modify its Bid in person, the Bidder may do so only in the presence of an agency employee. (The agency employee will observe the actions taken by the individual to modify the Bid, but will not read the Bid or the modification).
- b. Bid Withdrawal Prior to Bid Opening. Bids may be withdrawn only by written notice or in person prior to the exact hour and date specified for Bid opening.
- 1) If a Bidder intends to withdraw its Bid by written notice, the notice shall specifically identify the Bid to be withdrawn and shall be signed by the Bidder. The Bidder must include evidence of authorization for the individual who signed the bid withdrawal to withdraw the bid on behalf of the Bidder. Except as provided in Subparagraph c, below, bid withdrawals received after the exact hour and date specified for the receipt of Bids shall not be accepted.
  - 2) If a Bidder intends to withdraw its Bid in person, the individual who will withdraw the Bid must arrive in the Bid Opening Room prior to the Bid Opening Time, show a picture identification and provide evidence of his/her authorization to withdraw the Bid on behalf of the Bidder.
- c. Bid Withdrawal After Bid Opening. Bidders are permitted to withdraw erroneous Bids after Bid opening only if the following conditions are met:
- 1) The Bidder submits a written request for withdrawal.
  - 2) The Bidder presents credible evidence with the request that the reason for the lower Bid price was a clerical mistake as opposed to a judgment mistake and was actually due to an unintentional arithmetical error or an unintentional omission of a substantial quantity of work, labor, material, or services made directly in the compilation of the Bid.
  - 3) The request for relief and supporting evidence must be received by the Issuing Office within three (3) business days after Bid opening, but before award of the contract.
  - 4) The Issuing Office shall not permit a Bid withdrawal if the Bid withdrawal would result in the award of the contract on another Bid of the same Bidder, its partner, or a corporation or business venture owned by or in which the bidder has a substantial interest.
  - 5) If a Bidder is permitted to withdraw its Bid, the Bidder cannot supply any material or labor or perform any subcontract or other work agreement for the awarded contractor, without the written approval of the Issuing Office.
- d. Firm Bid. Except as provided above, a Bid may not be modified, withdrawn, or cancelled by any Bidder for a period of sixty (60) days following the time and date designated for Bid opening, unless otherwise specified by the Bidder in its Bid. If the lowest responsible Bidder, as determined by the Issuing Office, withdraws its Bid prior to the expiration of the award period or fails to comply with the requirements set forth in the IFB including but not limited to any requirement to submit performance or payment bonds or insurance certificates within the

required time period, the Bidder shall be liable to the Commonwealth for all costs and damages associated with the re-award or re-bid including the difference between the Bidder's price and the actual cost that the Commonwealth pays for the awarded items.

- e. Clarification and Additional Information. After the receipt of Bids, the Issuing Office shall have the right to contact Bidders for the purpose of seeking:
- 1) Clarification of the Bid which confirms the Issuing Office's understanding of statements or information in the Bid or;
  - 2) Additional information on the items offered; provided the IFB does not require the rejection of the Bid for failure to include such information.

#### **I.15 I-IFB-034.1 Rejection of Bids (Nov 2006)**

The Issuing Office reserves the right to reject any and all Bids, to waive technical defects or any informality in Bids, and to accept or reject any part of any Bid if the best interests of the Commonwealth are thereby served.

#### **I.16 Submission-001.1 Representations and Authorizations (February 2017)**

By submitting its proposal, each Offeror understands, represents, and acknowledges that:

A. All of the Offeror's information and representations in the proposal are material and important, and the Issuing Office may rely upon the contents of the proposal in awarding the contract(s). The Commonwealth shall treat any misstatement, omission or misrepresentation as fraudulent concealment of the true facts relating to the Proposal submission, punishable pursuant to 18 Pa. C.S. § 4904.

B. The Offeror has arrived at the price(s) and amounts in its proposal independently and without consultation, communication, or agreement with any other Offeror or potential offeror.

C. The Offeror has not disclosed the price(s), the amount of the proposal, nor the approximate price(s) or amount(s) of its proposal to any other firm or person who is an Offeror or potential offeror for this RFP, and the Offeror shall not disclose any of these items on or before the proposal submission deadline specified in the Calendar of Events of this RFP.

D. The Offeror has not attempted, nor will it attempt, to induce any firm or person to refrain from submitting a proposal on this contract, or to submit a proposal higher than this proposal, or to submit any intentionally high or noncompetitive proposal or other form of complementary proposal.

E. The Offeror makes its proposal in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or other noncompetitive proposal.

F. To the best knowledge of the person signing the proposal for the Offeror, the Offeror, its affiliates, subsidiaries, officers, directors, and employees are not currently under investigation by any governmental agency and have not in the last four years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to bidding or proposing on any public contract, except as the Offeror has disclosed in its proposal.

G. To the best of the knowledge of the person signing the proposal for the Offeror and except as the Offeror has otherwise disclosed in its proposal, the Offeror has no outstanding, delinquent obligations to the Commonwealth including, but not limited to, any state tax liability not being contested on appeal or other obligation of the Offeror that is owed to the Commonwealth.

H. The Offeror is not currently under suspension or debarment by the Commonwealth, any other state or the federal government, and if the Offeror cannot so certify, then it shall submit along with its proposal a written explanation of why it cannot make such certification.

I. The Offeror has not made, under separate contract with the Issuing Office, any recommendations to the Issuing Office concerning the need for the services described in its proposal or the specifications for the services described in the proposal.

J. Each Offeror, by submitting its proposal, authorizes Commonwealth agencies to release to the Commonwealth information concerning the Offeror's Pennsylvania taxes, unemployment compensation and workers' compensation liabilities.

K. Until the selected Offeror receives a fully executed and approved written contract from the Issuing Office, there is no legal and valid contract, in law or in equity, and the Offeror shall not begin to perform.

L. The Offeror is not currently engaged, and will not during the duration of the contract engage, in a boycott of a person or an entity based in or doing business with a jurisdiction which the Commonwealth is not prohibited by Congressional statute from engaging in trade or commerce.

## **PART II - REQUIREMENTS**

### **PART II - REQUIREMENTS**

#### **II.1 IFB-006.1b COSTARS Program Election to Participate (July 2012)**

If the bidder is willing to sell the awarded items/services at the same prices and/or discounts, and in accordance with the contractual terms and conditions, to COSTARS members, the bidder should complete and return the COSTARS Program Election to Participate form which is an attachment to this IFB. If the bidder is asserting that it is a Department of General Services Certified Small Business, the bidder must submit its active certification with the bid response.

#### **II.2 II-IFB-008.1b Lobbying Certification and Disclosure – Electronic Submission. (Oct 2006).**

With respect to an award of a federal contract, grant, or cooperative agreement exceeding \$100,000 or an award of a federal loan or a commitment providing for the United States to insure or guarantee a loan exceeding \$150,000 all recipients must certify that they will not use federal funds for lobbying and must disclose the use of non-federal funds for lobbying by filing required documentation. Offerors must complete and return the Lobbying Certification Form and the Disclosure of Lobbying Activities Form, which are attached to and made a part of this IFB. The completed and signed Lobbying Certification Form and the Disclosure of Lobbying Activities Form should be submitted with the Bid Response. Commonwealth agencies will not contract with outside firms or individuals to perform lobbying services, regardless of the source of funds.

#### **II.3 II-IFB-016.1 Post-Submission Descriptive Literature (Dec 2006)**

The Commonwealth may, during its evaluation of the bids, require any bidder to submit cuts, illustrations, drawings, prints, test data sheets, specification sheets and brochures which detail construction features, design, components, materials used, applicable dimensions and any other pertinent information which the Issuing Office may require in order to evaluate the product(s) offered. The required information must be submitted within two (2) business days after notification from the Issuing Office. Failure to submit the required information prior to the expiration of the second business day after notification shall result in the rejection of the bid as non-responsive.

#### **II.4 II-IFB-017.1b Reciprocal Limitations Act – Electronic Submittal (February 2007)**

This procurement is subject to the Reciprocal Limitations Act. Bidders must complete and submit with the Bid Response the State of Manufacture Chart, which is contained in GSPUR-89 ("Reciprocal Limitations Act Requirements") which is attached to and made part of this IFB. The completed State of Manufacture Chart should be submitted as part of the Bid Response

#### **II.5 II-IFB-018.1b Iran Free Procurement Certification and Disclosure – Electronic Submittal (November 2016)**

Prior to entering a contract worth at least \$1,000,000 or more with a Commonwealth entity, a bidder must: a) certify it is not on the current list of persons engaged in investment activities in Iran created by the Pennsylvania Department of General Services ("DGS") pursuant to Section 3503 of the Procurement Code and is eligible to contract with the Commonwealth under Sections 3501-3506 of the Procurement Code; or b) demonstrate it has received an exception from the certification requirement for that solicitation or contract pursuant to Section 3503(e). All bidders must complete and return the Iran Free Procurement Certification form, which is attached hereto and made part of this IFB. The completed and signed Iran Free Procurement Certification form must be submitted with the Bid Response.

See the following web page for current Iran Free Procurement list:

<http://www.dgs.pa.gov/businesses/materials%20and%20services%20procurement/procurement-resources/pages/default.aspx#.WDNfJJ>

## **PART III - SELECTION CRITERIA**

### **PART III - SELECTION CRITERIA**

#### **III.1 III-IFB-001.1a Mandatory Responsiveness Requirements (Oct 2006)**

To be eligible for selection, a bid must be:

- a. Timely received from a Bidder;
- b. Properly signed by the Bidder.

#### **III.2 III-IFB-006.1f Method of Award - All Bidders (April 2011)**

Award will be made to all responsive and responsible bidders.

#### **III.3 III-IFB-007.1 Awards (May 2011)**

Unless all Bids are rejected, and except as otherwise provided by law, award will be made through the issuance of a contract/purchase order in accordance with the method of award. Unless otherwise specified by the Issuing Office in the IFB form the Commonwealth reserves the right to award by item or on a total Bid basis, whichever is deemed more advantageous to the Commonwealth. In cases of discrepancies in prices, the unit price will be binding unless the unit price is obviously in error and the extended price is obviously correct, in which case the erroneous unit price will be corrected. As a condition for receipt of award of a contract/purchase order, the Bidder must be registered in the Commonwealth of Pennsylvania's Vendor Master file. In order to register, bidders must visit the Pa Supplier Portal at <https://www.pasupplierportal.state.pa.us/> or call the Customer Support Center at 877-435-7363 or 717-346-2676.

#### **III.4 III-IFB-008.1 Tie Bids (Nov 2006)**

All tie bids will be broken by the Issuing Office.

#### **III.5 III-IFB-009.1 Prompt Payment Discounts (Nov 2006)**

Prompt payment discounts will not be considered in making an award. If prompt payment discounts are offered by any Bidder, however, the Issuing Office will take advantage of such offer.

#### **III.6 III-IFB-010.1 Option for Separate Competitive Bidding Procedure (Nov 2006)**

The Commonwealth reserves the right to purchase products or services covered under this Contract through a separate competitive bidding procedure, whenever Commonwealth deems it in the best interest of the Commonwealth. The right will generally be exercised only when a specific need for a large quantity of the product or service exists or when the price offered is significantly lower than the Contract price.

#### **III.7 III-IFB-014.1 Rebates (Nov 2006)**

Any rebate applicable at the time of bid should be taken into consideration by the bidder in calculating its bid price. Bidders must specifically state in their bid proposal, when applicable, that rebates have been considered in arriving at the bid price. Following award, the Commonwealth will assign to the awarded bidder, any rebates which the bidder stated that he took into consideration. If the bidder fails to include such a statement, the Commonwealth will receive the full benefit of the manufacturer's rebate.



**PART IV - WORK STATEMENT**

**PART IV - WORK STATEMENT**

**IV.1 IFB-001.1a Specifications (Nov 2006)**

The Commonwealth is seeking bids to procure the item(s) set forth in the attached document entitled "Specifications."

## **PART V - CONTRACT TERMS and CONDITIONS**

### **PART V - CONTRACT TERMS and CONDITIONS**

#### **V.1 CONTRACT-001.1b Contract Terms and Conditions (Nov 30, 2006)**

The Contract with the awarded bidder (who shall become the "Contractor") shall include the following terms and conditions:

#### **V.2 CONTRACT-002.1a Term of Contract – Contract (May 2012)**

The initial term of the Contract shall be 03 year(s) and 00 month(s).

The term of the Contract shall commence on the Effective Date (as defined below) and shall end on the Expiration Date identified in the Contract, subject to the other provisions of the Contract.

The Effective Date shall be: a) the Effective Date printed on the Contract after the Contract has been fully executed by the Commonwealth (signed and approved as required by the Commonwealth contracting procedures) or b) the "Valid from" date printed on the Contract, whichever is later.

#### **V.3 CONTRACT-002.2b Renewal of Contract Term – Mutual (Oct 2013)**

The Contract may be mutually renewed for a maximum of 2 additional 1 year term(s), so long as the Commonwealth provides written notice to Contractor of its intention to extend the Contract by letter dated not less than 090 days prior to the expiration of the term of the agreement, or any extension thereof, and the Contractor consents to the renewal not less than 060 days prior to the expiration of the term of the agreement or any extension thereof. The renewal may be exercised as individual or multiple year terms(s). Any renewal will be under the same terms, covenants and conditions. No further document is required to be executed to renew the term of the contract.

#### **V.4 CONTRACT-002.3 Extension of Contract Term (Nov 30 2006)**

The Commonwealth reserves the right, upon notice to the Contractor, to extend any single term of the Contract for up to three (3) months upon the same terms and conditions.

#### **V.5 CONTRACT-003.1a Signatures – Contract (July 2015)**

The Contract shall not be a legally binding contract until the fully-executed Contract has been sent to the Contractor. No Commonwealth employee has the authority to verbally direct the commencement of any work or delivery of any supply under this Contract prior to the Effective Date. The Contractor hereby waives any claim or cause of action for any service or work performed prior to the Effective Date.

The Contract may be electronically signed by the Commonwealth. The electronically-printed name of the Purchasing Agent represents the signature of that individual who has the authority, on behalf of the Commonwealth, to bind the Commonwealth to the terms of the Contract. If the Contract output form does not have "Fully Executed" at the top of the first page and does not have the name of the Purchasing Agent printed in the appropriate box, the Contract has not been fully executed.

The fully-executed Contract may be sent to the Contractor electronically or through facsimile equipment. The electronic transmission of the Contract shall require acknowledgement of receipt of the transmission by the Contractor. Receipt of the electronic or facsimile transmission of the Contract shall constitute receipt of the fully-executed Contract.

The Commonwealth and the Contractor specifically agree as follows:

- a. No handwritten signature shall be required in order for the Contract to be legally enforceable.
- b. The parties agree that no writing shall be required in order to make the Contract legally binding, notwithstanding



contrary requirements in any law. The parties hereby agree not to contest the validity or enforceability of a genuine Contract or acknowledgement issued electronically under the provisions of a statute of frauds or any other applicable law relating to whether certain agreements be in writing and signed by the party bound thereby. Any genuine Contract or acknowledgement issued electronically, if introduced as evidence on paper in any judicial, arbitration, mediation, or administrative proceedings, will be admissible as between the parties to the same extent and under the same conditions as other business records originated and maintained in documentary form. Neither party shall contest the admissibility of copies of a genuine Contract or acknowledgements under either the business records exception to the hearsay rule or the best evidence rule on the basis that the Contract or acknowledgement were not in writing or signed by the parties. A Contract or acknowledgment shall be deemed to be genuine for all purposes if it is transmitted to the location designated for such documents.

c. Each party will immediately take steps to verify any document that appears to be obviously garbled in transmission or improperly formatted to include re-transmission of any such document if necessary.

#### **V.6 CONTRACT-004.1a Definitions (Oct 2013)**

As used in this Contract, these words shall have the following meanings:

a. Agency: The department, board, commission or other agency of the Commonwealth of Pennsylvania listed as the Purchasing Agency. If a COSTARS entity or external procurement activity has issued an order against this contract, that entity shall also be identified as "Agency".

b. Contracting Officer: The person authorized to administer this Contract for the Commonwealth and to make written determinations with respect to the Contract.

c. Days: Unless specifically indicated otherwise, days mean calendar days.

d. Developed Works or Developed Materials: All documents, sketches, drawings, designs, works, papers, files, reports, computer programs, computer documentation, data, records, software, samples or any other tangible material without limitation authored or prepared by Contractor as the work product covered in the scope of work for the Project.

e. Documentation: All materials required to support and convey information about the services required by this Contract. It includes, but is not necessarily restricted to, written reports and analyses, diagrams, maps, logical and physical designs, system designs, computer programs, flow charts, disks, and/or other machine-readable storage media.

f. Services: All Contractor activity necessary to satisfy the Contract.

#### **V.7 CONTRACT-005.1a Purchase Orders (July 2015)**

Commonwealth agencies may issue Purchase Orders against the Contract. These orders constitute the Contractor's authority to make delivery. All Purchase Orders received by the Contractor up to and including the expiration date of the Contract are acceptable and must be performed in accordance with the Contract. Each Purchase Order will be deemed to incorporate the terms and conditions set forth in the Contract.

Purchase Orders may be electronically signed by the Agency. The electronically-printed name of the purchaser represents the signature of that individual who has the authority, on behalf of the Commonwealth, to authorize the Contractor to proceed.

Purchase Orders may be issued electronically or through facsimile equipment. The electronic transmission of a purchase order shall require acknowledgement of receipt of the transmission by the Contractor. Receipt of the electronic or facsimile transmission of the Purchase Order shall constitute receipt of an order. Orders received by the Contractor after 4:00 p.m. will be considered received the following business day.

a. No handwritten signature shall be required in order for the Contract or Purchase Order to be legally enforceable.

b. The parties agree that no writing shall be required in order to make the Purchase Order legally binding. The parties hereby agree not to contest the validity or enforceability of a Purchase Order or acknowledgement issued electronically under the provisions of a statute of frauds or any other applicable law relating to whether certain

agreements be in writing and signed by the party bound thereby. Any Purchase Order or acknowledgement issued electronically, if introduced as evidence on paper in any judicial, arbitration, mediation, or administrative proceedings, will be admissible as between the parties to the same extent and under the same conditions as other business records originated and maintained in documentary form. Neither party shall contest the admissibility of copies of Purchase Orders or acknowledgements under either the business records exception to the hearsay rule or the best evidence rule on the basis that the Purchase Order or acknowledgement were not in writing or signed by the parties. A Purchase Order or acknowledgment shall be deemed to be genuine for all purposes if it is transmitted to the location designated for such documents.

c. Each party will immediately take steps to verify any document that appears to be obviously garbled in transmission or improperly formatted to include re-transmission of any such document if necessary.

Purchase Orders under ten thousand dollars (\$10,000) in total amount may also be made in person or by telephone using a Commonwealth Purchasing Card. When an order is placed by telephone, the Commonwealth agency shall provide the agency name, employee name, credit card number, and expiration date of the card. Contractors agree to accept payment through the use of the Commonwealth Purchasing Card.

#### **V.8 CONTRACT-006.1 Independent Prime Contractor (Oct 2006)**

In performing its obligations under the Contract, the Contractor will act as an independent contractor and not as an employee or agent of the Commonwealth. The Contractor will be responsible for all services in this Contract whether or not Contractor provides them directly. Further, the Contractor is the sole point of contact with regard to all contractual matters, including payment of any and all charges resulting from the Contract.

#### **V.9 CONTRACT-007.01a Supplies Delivery (Nov 30 2006)**

All item(s) shall be delivered F.O.B. Destination. The Contractor agrees to bear the risk of loss, injury, or destruction of the item(s) ordered prior to receipt of the items by the Commonwealth. Such loss, injury, or destruction shall not release the Contractor from any contractual obligations. Except as otherwise provided in this contract, all item(s) must be delivered within the time period specified. Time is of the essence and, in addition to any other remedies, the Contract is subject to termination for failure to deliver as specified. Unless otherwise stated in this Contract, delivery must be made within thirty (30) days after the Effective Date.

#### **V.10 CONTRACT-007.02 Estimated Quantities (Nov 30 2006)**

It shall be understood and agreed that any quantities listed in the Contract are estimated only and may be increased or decreased in accordance with the actual requirements of the Commonwealth and that the Commonwealth in accepting any bid or portion thereof, contracts only and agrees to purchase only the materials and services in such quantities as represent the actual requirements of the Commonwealth. The Commonwealth reserves the right to purchase materials and services covered under the Contract through a separate competitive procurement procedure, whenever Commonwealth deems it to be in its best interest.

#### **V.11 CONTRACT-008.1a Warranty. (Oct 2006)**

The Contractor warrants that all items furnished and all services performed by the Contractor, its agents and subcontractors shall be free and clear of any defects in workmanship or materials. Unless otherwise stated in the Contract, all items are warranted for a period of one year following delivery by the Contractor and acceptance by the Commonwealth. The Contractor shall repair, replace or otherwise correct any problem with the delivered item. When an item is replaced, it shall be replaced with an item of equivalent or superior quality without any additional cost to the Commonwealth.

#### **V.12 CONTRACT-009.1c Patent, Copyright, and Trademark Indemnity (Oct 2013)**

The Contractor warrants that it is the sole owner or author of, or has entered into a suitable legal agreement concerning either: a) the design of any product or process provided or used in the performance of the Contract which

is covered by a patent, copyright, or trademark registration or other right duly authorized by state or federal law or b) any copyrighted matter in any report, document or other material provided to the Commonwealth under the contract.

The Contractor shall defend any suit or proceeding brought against the Commonwealth on account of any alleged patent, copyright or trademark infringement in the United States of any of the products provided or used in the performance of the Contract.

This is upon condition that the Commonwealth shall provide prompt notification in writing of such suit or proceeding; full right, authorization and opportunity to conduct the defense thereof; and full information and all reasonable cooperation for the defense of same.

As principles of governmental or public law are involved, the Commonwealth may participate in or choose to conduct, in its sole discretion, the defense of any such action.

If information and assistance are furnished by the Commonwealth at the Contractor's written request, it shall be at the Contractor's expense, but the responsibility for such expense shall be only that within the Contractor's written authorization.

The Contractor shall indemnify and hold the Commonwealth harmless from all damages, costs, and expenses, including attorney's fees that the Contractor or the Commonwealth may pay or incur by reason of any infringement or violation of the rights occurring to any holder of copyright, trademark, or patent interests and rights in any products provided or used in the performance of the Contract.

If any of the products provided by the Contractor in such suit or proceeding are held to constitute infringement and the use is enjoined, the Contractor shall, at its own expense and at its option, either procure the right to continue use of such infringement products, replace them with non-infringement equal performance products or modify them so that they are no longer infringing.

If the Contractor is unable to do any of the preceding, the Contractor agrees to remove all the equipment or software which are obtained contemporaneously with the infringing product, or, at the option of the Commonwealth, only those items of equipment or software which are held to be infringing, and to pay the Commonwealth: 1) any amounts paid by the Commonwealth towards the purchase of the product, less straight line depreciation; 2) any license fee paid by the Commonwealth for the use of any software, less an amount for the period of usage; and 3) the pro rata portion of any maintenance fee representing the time remaining in any period of maintenance paid for. The obligations of the Contractor under this paragraph continue without time limit. No costs or expenses shall be incurred for the account of the Contractor without its written consent.

#### **V.13 CONTRACT-009.1d Ownership Rights (Oct 2006)**

The Commonwealth shall have unrestricted authority to reproduce, distribute, and use any submitted report, data, or material, and any software or modifications and any associated documentation that is designed or developed and delivered to the Commonwealth as part of the performance of the Contract.

#### **V.14 CONTRACT-010.1a Acceptance (Oct 2006)**

No item(s) received by the Commonwealth shall be deemed accepted until the Commonwealth has had a reasonable opportunity to inspect the item(s). Any item(s) which is discovered to be defective or fails to conform to the specifications may be rejected upon initial inspection or at any later time if the defects contained in the item(s) or the noncompliance with the specifications were not reasonably ascertainable upon the initial inspection. It shall thereupon become the duty of the Contractor to remove rejected item(s) from the premises without expense to the Commonwealth within fifteen (15) days after notification. Rejected item(s) left longer than fifteen (15) days will be regarded as abandoned, and the Commonwealth shall have the right to dispose of them as its own property and shall retain that portion of the proceeds of any sale which represents the Commonwealth's costs and expenses in regard to the storage and sale of the item(s). Upon notice of rejection, the Contractor shall immediately replace all such rejected item(s) with others conforming to the specifications and which are not defective. If the Contractor fails, neglects or refuses to do so, the Commonwealth shall then have the right to procure a corresponding quantity of such

item(s), and deduct from any monies due or that may thereafter become due to the Contractor, the difference between the price stated in the Contract and the cost thereof to the Commonwealth.

#### **V.15 CONTRACT-010.2 Product Conformance (March 2012)**

The Commonwealth reserves the right to require any and all Contractors to:

1. Provide certified data from laboratory testing performed by the Contractor, or performed by an independent laboratory, as specified by the Commonwealth.
2. Supply published manufacturer product documentation.
3. Permit a Commonwealth representative to witness testing at the Contractor's location or at an independent laboratory.
4. Complete a survey/questionnaire relating to the bid requirements and specifications.
5. Provide customer references.
6. Provide a product demonstration at a location near Harrisburg or the using agency location.

#### **V.16 CONTRACT-010.3 Rejected Material Not Considered Abandoned (March 2012)**

The Commonwealth shall have the right to not regard any rejected material as abandoned and to demand that the Contractor remove the rejected material from the premises within thirty (30) days of notification. The Contractor shall be responsible for removal of the rejected material as well as proper clean-up. If the Contractor fails or refuses to remove the rejected material as demanded by the Commonwealth, the Commonwealth may seek payment from, or set-off from any payments due to the Contractor under this or any other Contract with the Commonwealth, the costs of removal and clean-up. This is in addition to all other rights to recover costs incurred by the Commonwealth.

#### **V.17 CONTRACT-011.1a Compliance With Law (Oct 2006)**

The Contractor shall comply with all applicable federal and state laws and regulations and local ordinances in the performance of the Contract.

#### **V.18 CONTRACT-013.1 Environmental Provisions (Oct 2006)**

In the performance of the Contract, the Contractor shall minimize pollution and shall strictly comply with all applicable environmental laws and regulations, including, but not limited to: the Clean Streams Law Act of June 22, 1937 (P.L. 1987, No. 394), as amended 35 P.S. Section 691.601 et seq.; the Pennsylvania Solid Waste Management Act, Act of July 7, 1980 (P.L. 380, No. 97), as amended, 35 P.S. Section 6018.101 et seq. ; and the Dam Safety and Encroachment Act, Act of November 26, 1978 (P.L. 1375, No. 325), as amended , 32 P.S. Section 693.1.

#### **V.19 CONTRACT-014.1 Post-Consumer Recycled Content (June 2016)**

Except as specifically waived by the Department of General Services in writing, any products which are provided to the Commonwealth as a part of the performance of the Contract must meet the minimum percentage levels for total recycled content as specified by the Environmental Protection Agency in its Comprehensive Procurement Guidelines, which can be found at <https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program> .

#### **V.20 CONTRACT-014.3 Recycled Content Enforcement (February 2012)**

The Contractor may be required, after delivery of the Contract item(s), to provide the Commonwealth with documentary evidence that the item(s) was in fact produced with the required minimum percentage of post-consumer and recovered material content.

#### **V.21 CONTRACT-015.1 Compensation (Oct 2006)**

The Contractor shall be required to furnish the awarded item(s) at the price(s) quoted in the Purchase Order. All item(s) shall be delivered within the time period(s) specified in the Purchase Order. The Contractor shall be compensated only for item(s) that are delivered and accepted by the Commonwealth.

#### **V.22 CONTRACT-015.2 Billing Requirements (July 2021)**

Unless the Contractor has been authorized by the Commonwealth for Evaluated Receipt Settlement or Vendor Self-Invoicing , the Contractor shall include in all of its invoices the following minimum information:

- Vendor name and "Remit to" address, including SAP Vendor number;
- SAP Purchase Order number;
- Delivery Address, including name of Commonwealth agency;
- Description of the supplies/services delivered in accordance with SAP Purchase Order (include purchase order line number if possible);
- Quantity provided;
- Unit price;
- Price extension;
- Total price; and
- Delivery date of supplies or services.

If an invoice does not contain the minimum information set forth in this paragraph, the Commonwealth may return the invoice as improper. If the Commonwealth returns an invoice as improper, the time for processing a payment will be suspended until the Commonwealth receives a correct invoice. The Contractor may not receive payment until the Commonwealth has received a correct invoice.

Contractors are required to establish separate billing accounts with each using agency and invoice them directly. Each invoice shall be itemized with adequate detail and match the line item on the Purchase Order. In no instance shall any payment be made for services to the Contractor that are not in accordance with the prices on the Purchase Order, the Contract, updated price lists or any discounts negotiated by the purchasing agency.

#### **V.23 CONTRACT-016.1 Payment (Oct 2006)**

- a. The Commonwealth shall put forth reasonable efforts to make payment by the required payment date. The required payment date is: (a) the date on which payment is due under the terms of the Contract; (b) thirty (30) days after a proper invoice actually is received at the "Bill To" address if a date on which payment is due is not specified in the Contract (a "proper" invoice is not received until the Commonwealth accepts the service as satisfactorily performed); or (c) the payment date specified on the invoice if later than the dates established by (a) and (b) above. Payment may be delayed if the payment amount on an invoice is not based upon the price(s) as stated in the Contract. If any payment is not made within fifteen (15) days after the required payment date, the Commonwealth may pay interest as determined by the Secretary of Budget in accordance with Act No. 266 of 1982 and regulations promulgated pursuant thereto. Payment should not be construed by the Contractor as acceptance of the service performed by the Contractor. The Commonwealth reserves the right to conduct further testing and inspection after payment, but within a reasonable time after performance, and to reject the service if such post payment testing or inspection discloses a defect or a failure to meet specifications. The Contractor agrees that the Commonwealth may set off the amount of any state tax liability or other obligation of the Contractor or its subsidiaries to the Commonwealth against any payments due the Contractor under any contract with the Commonwealth.

- b. The Commonwealth shall have the option of using the Commonwealth purchasing card to make purchases under the Contract or Purchase Order. The Commonwealth's purchasing card is similar to a credit card in that there will be a small fee which the Contractor will be required to pay and the Contractor will receive payment directly from the card issuer rather than the Commonwealth. Any and all fees related to this type of payment are the responsibility of the Contractor. In no case will the Commonwealth allow increases in prices to offset credit card fees paid by the Contractor or any other charges incurred by the Contractor, unless specifically stated in the terms of the Contract or Purchase Order.

#### **V.24 CONTRACT-016.2 Payment – Electronic Funds Transfer (February 2014)**

- a. The Commonwealth will make contract payments through the Automated Clearing House (ACH). Within 10 days of award of the contract or purchase order, the contractor must submit or must have already submitted their ACH information within their user profile in the Commonwealth's procurement system (SRM).
- b. The contractor must submit a unique invoice number with each invoice submitted. The unique invoice number will be listed on the Commonwealth of Pennsylvania's ACH remittance advice to enable the contractor to properly apply the state agency's payment to the invoice submitted.
- c. It is the responsibility of the contractor to ensure that the ACH information contained in SRM is accurate and complete. Failure to maintain accurate and complete information may result in delays in payments.

#### **V.25 CONTRACT-017.1 Taxes (Dec 5 2006)**

The Commonwealth is exempt from all excise taxes imposed by the Internal Revenue Service and has accordingly registered with the Internal Revenue Service to make tax free purchases under Registration No. 23-23740001-K. With the exception of purchases of the following items, no exemption certificates are required and none will be issued: undyed diesel fuel, tires, trucks, gas guzzler emergency vehicles, and sports fishing equipment. The Commonwealth is also exempt from Pennsylvania state sales tax, local sales tax, public transportation assistance taxes and fees and vehicle rental tax. The Department of Revenue regulations provide that exemption certificates are not required for sales made to governmental entities and none will be issued. Nothing in this paragraph is meant to exempt a construction contractor from the payment of any of these taxes or fees which are required to be paid with respect to the purchase, use, rental, or lease of tangible personal property or taxable services used or transferred in connection with the performance of a construction contract.

#### **V.26 CONTRACT-018.1 Assignment of Antitrust Claims (Oct 2006)**

The Contractor and the Commonwealth recognize that in actual economic practice, overcharges by the Contractor's suppliers resulting from violations of state or federal antitrust laws are in fact borne by the Commonwealth. As part of the consideration for the award of the Contract, and intending to be legally bound, the Contractor assigns to the Commonwealth all right, title and interest in and to any claims the Contractor now has, or may acquire, under state or federal antitrust laws relating to the products and services which are the subject of this Contract.

#### **V.27 CONTRACT-019.1 Hold Harmless Provision (Nov 30 2006)**

- a. The Contractor shall hold the Commonwealth harmless from and indemnify the Commonwealth against any and all third party claims, demands and actions based upon or arising out of any activities performed by the Contractor and its employees and agents under this Contract, provided the Commonwealth gives Contractor prompt notice of any such claim of which it learns. Pursuant to the Commonwealth Attorneys Act (71 P.S. Section 732-101, et seq.), the Office of Attorney General (OAG) has the sole authority to represent the Commonwealth in actions brought against the Commonwealth. The OAG may, however, in its sole discretion and under such terms as it deems appropriate, delegate its right of defense. If OAG delegates the defense to the Contractor, the Commonwealth will cooperate with all reasonable requests of Contractor made in the defense of such suits.

- b. Notwithstanding the above, neither party shall enter into any settlement without the other party's written consent, which shall not be unreasonably withheld. The Commonwealth may, in its sole discretion, allow the Contractor to control the defense and any related settlement negotiations.

#### **V.28 CONTRACT-020.1 Audit Provisions (Oct 2006)**

The Commonwealth shall have the right, at reasonable times and at a site designated by the Commonwealth, to audit the books, documents and records of the Contractor to the extent that the books, documents and records relate to costs or pricing data for the Contract. The Contractor agrees to maintain records which will support the prices charged and costs incurred for the Contract. The Contractor shall preserve books, documents, and records that relate to costs or pricing data for the Contract for a period of three (3) years from date of final payment. The Contractor shall give full and free access to all records to the Commonwealth and/or their authorized representatives.

#### **V.29 CONTRACT-021.1 Default (Oct 2013)**

a. The Commonwealth may, subject to the Force Majeure provisions of this Contract, and in addition to its other rights under the Contract, declare the Contractor in default by written notice thereof to the Contractor, and terminate (as provided in the Termination Provisions of this Contract) the whole or any part of this Contract or any Purchase Order for any of the following reasons:

- 1) Failure to begin work within the time specified in the Contract or Purchase Order or as otherwise specified;
- 2) Failure to perform the work with sufficient labor, equipment, or material to ensure the completion of the specified work in accordance with the Contract or Purchase Order terms;
- 3) Unsatisfactory performance of the work;
- 4) Failure to deliver the awarded item(s) within the time specified in the Contract or Purchase Order or as otherwise specified;
- 5) Improper delivery;
- 6) Failure to provide an item(s) which is in conformance with the specifications referenced in the Contract or Purchase Order;
- 7) Delivery of a defective item;
- 8) Failure or refusal to remove material, or remove and replace any work rejected as defective or unsatisfactory;
- 9) Discontinuance of work without approval;
- 10) Failure to resume work, which has been discontinued, within a reasonable time after notice to do so;
- 11) Insolvency or bankruptcy;
- 12) Assignment made for the benefit of creditors;
- 13) Failure or refusal within 10 days after written notice by the Contracting Officer, to make payment or show cause why payment should not be made, of any amounts due for materials furnished, labor supplied or performed, for equipment rentals, or for utility services rendered;
- 14) Failure to protect, to repair, or to make good any damage or injury to property;
- 15) Breach of any provision of the Contract;

16) Failure to comply with representations made in the Contractor's bid/proposal; or

17) Failure to comply with applicable industry standards, customs, and practice.

b. In the event that the Commonwealth terminates this Contract or any Purchase Order in whole or in part as provided in Subparagraph a. above, the Commonwealth may procure, upon such terms and in such manner as it determines, items similar or identical to those so terminated, and the Contractor shall be liable to the Commonwealth for any reasonable excess costs for such similar or identical items included within the terminated part of the Contract or Purchase Order.

c. If the Contract or a Purchase Order is terminated as provided in Subparagraph a. above, the Commonwealth, in addition to any other rights provided in this paragraph, may require the Contractor to transfer title and deliver immediately to the Commonwealth in the manner and to the extent directed by the Contracting Officer, such partially completed items, including, where applicable, reports, working papers and other documentation, as the Contractor has specifically produced or specifically acquired for the performance of such part of the Contract or Purchase Order as has been terminated. Except as provided below, payment for completed work accepted by the Commonwealth shall be at the Contract price. Except as provided below, payment for partially completed items including, where applicable, reports and working papers, delivered to and accepted by the Commonwealth shall be in an amount agreed upon by the Contractor and Contracting Officer. The Commonwealth may withhold from amounts otherwise due the Contractor for such completed or partially completed works, such sum as the Contracting Officer determines to be necessary to protect the Commonwealth against loss.

d. The rights and remedies of the Commonwealth provided in this paragraph shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Contract.

e. The Commonwealth's failure to exercise any rights or remedies provided in this paragraph shall not be construed to be a waiver by the Commonwealth of its rights and remedies in regard to the event of default or any succeeding event of default.

f. Following exhaustion of the Contractor's administrative remedies as set forth in the Contract Controversies Provision of the Contract, the Contractor's exclusive remedy shall be to seek damages in the Board of Claims.

### **V.30 CONTRACT-022.1 Force Majeure (Oct 2006)**

Neither party will incur any liability to the other if its performance of any obligation under this Contract is prevented or delayed by causes beyond its control and without the fault or negligence of either party. Causes beyond a party's control may include, but aren't limited to, acts of God or war, changes in controlling law, regulations, orders or the requirements of any governmental entity, severe weather conditions, civil disorders, natural disasters, fire, epidemics and quarantines, general strikes throughout the trade, and freight embargoes.

The Contractor shall notify the Commonwealth orally within five (5) days and in writing within ten (10) days of the date on which the Contractor becomes aware, or should have reasonably become aware, that such cause would prevent or delay its performance. Such notification shall (i) describe fully such cause(s) and its effect on performance, (ii) state whether performance under the contract is prevented or delayed and (iii) if performance is delayed, state a reasonable estimate of the duration of the delay. The Contractor shall have the burden of proving that such cause(s) delayed or prevented its performance despite its diligent efforts to perform and shall produce such supporting documentation as the Commonwealth may reasonably request. After receipt of such notification, the Commonwealth may elect to cancel the Contract, cancel the Purchase Order, or to extend the time for performance as reasonably necessary to compensate for the Contractor's delay.

In the event of a declared emergency by competent governmental authorities, the Commonwealth by notice to the Contractor, may suspend all or a portion of the Contract or Purchase Order.

### **V.31 CONTRACT-023.1a Termination Provisions (Oct 2013)**

The Commonwealth has the right to terminate this Contract or any Purchase Order for any of the following reasons. Termination shall be effective upon written notice to the Contractor.



a. **TERMINATION FOR CONVENIENCE:** The Commonwealth shall have the right to terminate the Contract or a Purchase Order for its convenience if the Commonwealth determines termination to be in its best interest. The Contractor shall be paid for work satisfactorily completed prior to the effective date of the termination, but in no event shall the Contractor be entitled to recover loss of profits.

b. **NON-APPROPRIATION:** The Commonwealth's obligation to make payments during any Commonwealth fiscal year succeeding the current fiscal year shall be subject to availability and appropriation of funds. When funds (state and/or federal) are not appropriated or otherwise made available to support continuation of performance in a subsequent fiscal year period, the Commonwealth shall have the right to terminate the Contract or a Purchase Order. The Contractor shall be reimbursed for the reasonable value of any nonrecurring costs incurred but not amortized in the price of the supplies or services delivered under the Contract. Such reimbursement shall not include loss of profit, loss of use of money, or administrative or overhead costs. The reimbursement amount may be paid from any appropriations available for that purpose.

c. **TERMINATION FOR CAUSE:** The Commonwealth shall have the right to terminate the Contract or a Purchase Order for Contractor default under the Default Clause upon written notice to the Contractor. The Commonwealth shall also have the right, upon written notice to the Contractor, to terminate the Contract or a Purchase Order for other cause as specified in the Contract or by law. If it is later determined that the Commonwealth erred in terminating the Contract or a Purchase Order for cause, then, at the Commonwealth's discretion, the Contract or Purchase Order shall be deemed to have been terminated for convenience under the Subparagraph a.

#### **V.32 CONTRACT-024.1 Contract Controversies (Oct 2011)**

a. In the event of a controversy or claim arising from the Contract, the Contractor must, within six months after the cause of action accrues, file a written claim with the contracting officer for a determination. The claim shall state all grounds upon which the Contractor asserts a controversy exists. If the Contractor fails to file a claim or files an untimely claim, the Contractor is deemed to have waived its right to assert a claim in any forum. At the time the claim is filed, or within sixty (60) days thereafter, either party may request mediation through the Commonwealth Office of General Counsel Dispute Resolution Program.

b. If the Contractor or the contracting officer requests mediation and the other party agrees, the contracting officer shall promptly make arrangements for mediation. Mediation shall be scheduled so as to not delay the issuance of the final determination beyond the required 120 days after receipt of the claim if mediation is unsuccessful. If mediation is not agreed to or if resolution is not reached through mediation, the contracting officer shall review timely-filed claims and issue a final determination, in writing, regarding the claim. The final determination shall be issued within 120 days of the receipt of the claim, unless extended by consent of the contracting officer and the Contractor. The contracting officer shall send his/her written determination to the Contractor. If the contracting officer fails to issue a final determination within the 120 days (unless extended by consent of the parties), the claim shall be deemed denied. The contracting officer's determination shall be the final order of the purchasing agency.

c. Within fifteen (15) days of the mailing date of the determination denying a claim or within 135 days of filing a claim if, no extension is agreed to by the parties, whichever occurs first, the Contractor may file a statement of claim with the Commonwealth Board of Claims. Pending a final judicial resolution of a controversy or claim, the Contractor shall proceed diligently with the performance of the Contract in a manner consistent with the determination of the contracting officer and the Commonwealth shall compensate the Contractor pursuant to the terms of the Contract.

#### **V.33 CONTRACT-025.1 Assignability and Subcontracting (Oct 2013)**

a. Subject to the terms and conditions of this paragraph, this Contract shall be binding upon the parties and their respective successors and assigns.

b. The Contractor shall not subcontract with any person or entity to perform all or any part of the work to be

performed under this Contract without the prior written consent of the Contracting Officer, which consent may be withheld at the sole and absolute discretion of the Contracting Officer.

c. The Contractor may not assign, in whole or in part, this Contract or its rights, duties, obligations, or responsibilities hereunder without the prior written consent of the Contracting Officer, which consent may be withheld at the sole and absolute discretion of the Contracting Officer.

d. Notwithstanding the foregoing, the Contractor may, without the consent of the Contracting Officer, assign its rights to payment to be received under the Contract, provided that the Contractor provides written notice of such assignment to the Contracting Officer together with a written acknowledgement from the assignee that any such payments are subject to all of the terms and conditions of this Contract.

e. For the purposes of this Contract, the term "assign" shall include, but shall not be limited to, the sale, gift, assignment, pledge, or other transfer of any ownership interest in the Contractor provided, however, that the term shall not apply to the sale or other transfer of stock of a publicly traded company.

f. Any assignment consented to by the Contracting Officer shall be evidenced by a written assignment agreement executed by the Contractor and its assignee in which the assignee agrees to be legally bound by all of the terms and conditions of the Contract and to assume the duties, obligations, and responsibilities being assigned.

g. A change of name by the Contractor, following which the Contractor's federal identification number remains unchanged, shall not be considered to be an assignment hereunder. The Contractor shall give the Contracting Officer written notice of any such change of name.

#### **V.34 CONTRACT-026.1 Other Contractors (Oct 2006)**

The Commonwealth may undertake or award other contracts for additional or related work, and the Contractor shall fully cooperate with other contractors and Commonwealth employees, and coordinate its work with such additional work as may be required. The Contractor shall not commit or permit any act that will interfere with the performance of work by any other contractor or by Commonwealth employees. This paragraph shall be included in the Contracts of all contractors with which this Contractor will be required to cooperate. The Commonwealth shall equitably enforce this paragraph as to all contractors to prevent the imposition of unreasonable burdens on any contractor.

#### **V.35 CONTRACT-027.1 Nondiscrimination/Sexual Harassment Clause (August 2018)**

The Contractor agrees:

1. In the hiring of any employee(s) for the manufacture of supplies, performance of work, or any other activity required under the contract or any subcontract, the Contractor, each subcontractor, or any person acting on behalf of the Contractor or subcontractor shall not discriminate by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of the *Pennsylvania Human Relations Act* (PHRA) and applicable federal laws, against any citizen of this Commonwealth who is qualified and available to perform the work to which the employment relates.

2. Neither the Contractor nor any subcontractor nor any person on their behalf shall in any manner discriminate by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of the PHRA and applicable federal laws, against or intimidate any employee involved in the manufacture of supplies, the performance of work, or any other activity required under the contract.

3. Neither the Contractor nor any subcontractor nor any person on their behalf shall in any manner discriminate by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of the PHRA and applicable federal laws, in the provision of services under the contract.

4. Neither the Contractor nor any subcontractor nor any person on their behalf shall in any manner discriminate against employees by reason of participation in or decision to refrain from participating in

labor activities protected under the *Public Employee Relations Act*, *Pennsylvania Labor Relations Act* or *National Labor Relations Act*, as applicable and to the extent determined by entities charged with such Acts' enforcement, and shall comply with any provision of law establishing organizations as employees' exclusive representatives.

5. The Contractor and each subcontractor shall establish and maintain a written nondiscrimination and sexual harassment policy and shall inform their employees in writing of the policy. The policy must contain a provision that sexual harassment will not be tolerated and employees who practice it will be disciplined. Posting this Nondiscrimination/Sexual Harassment Clause conspicuously in easily-accessible and well-lighted places customarily frequented by employees and at or near where the contracted services are performed shall satisfy this requirement for employees with an established work site.

6. The Contractor and each subcontractor shall not discriminate by reason of race, gender, creed, color, sexual orientation, gender identity or expression, or in violation of PHRA and applicable federal laws, against any subcontractor or supplier who is qualified to perform the work to which the contract relates.

7. The Contractor and each subcontractor represents that it is presently in compliance with and will maintain compliance with all applicable federal, state, and local laws, regulations and policies relating to nondiscrimination and sexual harassment. The Contractor and each subcontractor further represents that it has filed a Standard Form 100 Employer Information Report ("EEO-1") with the U.S. Equal Employment Opportunity Commission ("EEOC") and shall file an annual EEO-1 report with the EEOC as required for employers' subject to *Title VII of the Civil Rights Act of 1964*, as amended, that have 100 or more employees and employers that have federal government contracts or first-tier subcontracts and have 50 or more employees. The Contractor and each subcontractor shall, upon request and within the time periods requested by the Commonwealth, furnish all necessary employment documents and records, including EEO-1 reports, and permit access to their books, records, and accounts by the contracting agency and the Bureau of Diversity, Inclusion and Small Business Opportunities for purpose of ascertaining compliance with provisions of this Nondiscrimination/Sexual Harassment Clause.

8. The Contractor shall include the provisions of this Nondiscrimination/Sexual Harassment Clause in every subcontract so that those provisions applicable to subcontractors will be binding upon each subcontractor.

9. The Contractor's and each subcontractor's obligations pursuant to these provisions are ongoing from and after the effective date of the contract through the termination date thereof. Accordingly, the Contractor and each subcontractor shall have an obligation to inform the Commonwealth if, at any time during the term of the contract, it becomes aware of any actions or occurrences that would result in violation of these provisions.

10. The Commonwealth may cancel or terminate the contract and all money due or to become due under the contract may be forfeited for a violation of the terms and conditions of this Nondiscrimination/Sexual Harassment Clause. In addition, the agency may proceed with debarment or suspension and may place the Contractor in the Contractor Responsibility File.

### **V.36 CONTRACT-028.1 Contractor Integrity Provisions (January 2015)**

It is essential that those who seek to contract with the Commonwealth of Pennsylvania ("Commonwealth") observe high standards of honesty and integrity. They must conduct themselves in a manner that fosters public confidence in the integrity of the Commonwealth contracting and procurement process.

**1. DEFINITIONS.** For purposes of these Contractor Integrity Provisions, the following terms shall have the meanings found in this Section:

**a. "Affiliate"** means two or more entities where (a) a parent entity owns more than fifty percent of the voting stock of each of the entities; or (b) a common shareholder or group of shareholders owns more than fifty percent of the voting stock of each of the entities; or (c) the entities have a common proprietor or general partner.

**b. "Consent"** means written permission signed by a duly authorized officer or employee of the Commonwealth,

provided that where the material facts have been disclosed, in writing, by prequalification, bid, proposal, or contractual terms, the Commonwealth shall be deemed to have consented by virtue of the execution of this contract.

**c. "Contractor"** means the individual or entity, that has entered into this contract with the Commonwealth.

**d. "Contractor Related Parties"** means any affiliates of the Contractor and the Contractor's executive officers, Pennsylvania officers and directors, or owners of 5 percent or more interest in the Contractor.

**e. "Financial Interest"** means either:

(1) Ownership of more than a five percent interest in any business; or

(2) Holding a position as an officer, director, trustee, partner, employee, or holding any position of management.

**f. "Gratuity"** means tendering, giving, or providing anything of more than nominal monetary value including, but not limited to, cash, travel, entertainment, gifts, meals, lodging, loans, subscriptions, advances, deposits of money, services, employment, or contracts of any kind. The exceptions set forth in the *Governor's Code of Conduct, Executive Order 1980-18*, the *4 Pa. Code §7.153(b)*, shall apply.

**g. "Non-bid Basis"** means a contract awarded or executed by the Commonwealth with Contractor without seeking bids or proposals from any other potential bidder or offeror.

2. In furtherance of this policy, Contractor agrees to the following:

**a.** Contractor shall maintain the highest standards of honesty and integrity during the performance of this contract and shall take no action in violation of state or federal laws or regulations or any other applicable laws or regulations, or other requirements applicable to Contractor or that govern contracting or procurement with the Commonwealth.

**b.** Contractor shall establish and implement a written business integrity policy, which includes, at a minimum, the requirements of these provisions as they relate to the Contractor activity with the Commonwealth and Commonwealth employees and which is made known to all Contractor employees. Posting these Contractor Integrity Provisions conspicuously in easily-accessible and well-lighted places customarily frequented by employees and at or near where the contract services are performed shall satisfy this requirement.

**c.** Contractor, its affiliates, agents, employees and anyone in privity with Contractor shall not accept, agree to give, offer, confer or agree to confer or promise to confer, directly or indirectly, any gratuity or pecuniary benefit to any person, or to influence or attempt to influence any person in violation of any federal or state law, regulation, executive order of the Governor of Pennsylvania, statement of policy, management directive or any other published standard of the Commonwealth in connection with performance of work under this contract, except as provided in this contract.

**d.** Contractor shall not have a financial interest in any other contractor, subcontractor, or supplier providing services, labor or material under this contract, unless the financial interest is disclosed to the Commonwealth in writing and the Commonwealth consents to Contractor's financial interest prior to Commonwealth execution of the contract. Contractor shall disclose the financial interest to the Commonwealth at the time of bid or proposal submission, or if no bids or proposals are solicited, no later than the Contractor's submission of the contract signed by Contractor.

**e.** Contractor certifies to the best of its knowledge and belief that within the last five (5) years Contractor or Contractor Related Parties have not:

(1) been indicted or convicted of a crime involving moral turpitude or business honesty or integrity in any jurisdiction;

(2) been suspended, debarred or otherwise disqualified from entering into any contract with any governmental agency;

- (3) had any business license or professional license suspended or revoked;
- (4) had any sanction or finding of fact imposed as a result of a judicial or administrative proceeding related to fraud, extortion, bribery, bid rigging, embezzlement, misrepresentation or anti-trust; and
- (5) been, and is not currently, the subject of a criminal investigation by any federal, state or local prosecuting or investigative agency and/or civil anti-trust investigation by any federal, state or local prosecuting or investigative agency.

If Contractor cannot so certify to the above, then it must submit along with its bid, proposal or contract a written explanation of why such certification cannot be made and the Commonwealth will determine whether a contract may be entered into with the Contractor. The Contractor's obligation pursuant to this certification is ongoing from and after the effective date of the contract through the termination date thereof. Accordingly, the Contractor shall have an obligation to immediately notify the Commonwealth in writing if at any time during the term of the contract it becomes aware of any event which would cause the Contractor's certification or explanation to change. Contractor acknowledges that the Commonwealth may, in its sole discretion, terminate the contract for cause if it learns that any of the certifications made herein are currently false due to intervening factual circumstances or were false or should have been known to be false when entering into the contract.

f. Contractor shall comply with the requirements of the *Lobbying Disclosure Act (65 Pa.C.S. §13A01 et seq.)* regardless of the method of award. If this contract was awarded on a Non-bid Basis, Contractor must also comply with the requirements of the *Section 1641 of the Pennsylvania Election Code (25 P.S. §3260a)*.

g. When contractor has reason to believe that any breach of ethical standards as set forth in law, the Governor's Code of Conduct, or these Contractor Integrity Provisions has occurred or may occur, including but not limited to contact by a Commonwealth officer or employee which, if acted upon, would violate such ethical standards, Contractor shall immediately notify the Commonwealth contracting officer or the Office of the State Inspector General in writing.

h. Contractor, by submission of its bid or proposal and/or execution of this contract and by the submission of any bills, invoices or requests for payment pursuant to the contract, certifies and represents that it has not violated any of these Contractor Integrity Provisions in connection with the submission of the bid or proposal, during any contract negotiations or during the term of the contract, to include any extensions thereof. Contractor shall immediately notify the Commonwealth in writing of any actions for occurrences that would result in a violation of these Contractor Integrity Provisions. Contractor agrees to reimburse the Commonwealth for the reasonable costs of investigation incurred by the Office of the State Inspector General for investigations of the Contractor's compliance with the terms of this or any other agreement between the Contractor and the Commonwealth that results in the suspension or debarment of the Contractor. Contractor shall not be responsible for investigative costs for investigations that do not result in the Contractor's suspension or debarment.

i. Contractor shall cooperate with the Office of the State Inspector General in its investigation of any alleged Commonwealth agency or employee breach of ethical standards and any alleged Contractor non-compliance with these Contractor Integrity Provisions. Contractor agrees to make identified Contractor employees available for interviews at reasonable times and places. Contractor, upon the inquiry or request of an Inspector General, shall provide, or if appropriate, make promptly available for inspection or copying, any information of any type or form deemed relevant by the Office of the State Inspector General to Contractor's integrity and compliance with these provisions. Such information may include, but shall not be limited to, Contractor's business or financial records, documents or files of any type or form that refer to or concern this contract. Contractor shall incorporate this paragraph in any agreement, contract or subcontract it enters into in the course of the performance of this contract/agreement solely for the purpose of obtaining subcontractor compliance with this provision. The incorporation of this provision in a subcontract shall not create privity of contract between the Commonwealth and any such subcontractor, and no third party beneficiaries shall be created thereby.

j. For violation of any of these Contractor Integrity Provisions, the Commonwealth may terminate this and any other contract with Contractor, claim liquidated damages in an amount equal to the value of anything received in breach of these Provisions, claim damages for all additional costs and expenses incurred in obtaining another contractor to complete performance under this contract, and debar and suspend Contractor from doing business with the Commonwealth. These rights and remedies are cumulative, and the use or non-use of any one shall not preclude

the use of all or any other. These rights and remedies are in addition to those the Commonwealth may have under law, statute, regulation or otherwise.

### **V.37 CONTRACT-029.1 Contractor Responsibility Provisions (July 2021)**

For the purpose of these provisions, the term Contractor is defined as any person, including, but not limited to, a bidder, offeror, loan recipient, grantee or lessor, who has furnished or performed or seeks to furnish or perform, goods, supplies, services, leased space, construction or other activity, under a contract, grant, lease, purchase order or reimbursement agreement with the Commonwealth of Pennsylvania (Commonwealth). The term Contractor includes a permittee, licensee, or any agency, political subdivision, instrumentality, public authority, or other public entity in the Commonwealth.

1. The Contractor certifies, in writing, for itself and its subcontractors required to be disclosed or approved by the Commonwealth, that as of the date of its execution of this Bid/Contract, that neither the Contractor, nor any such subcontractors, are under suspension or debarment by the Commonwealth or any governmental entity, instrumentality, or authority and, if the Contractor cannot so certify, then it agrees to submit, along with its Bid/Contract, a written explanation of why such certification cannot be made.

2. The Contractor also certifies, in writing, that as of the date of its execution of this Bid/Contract it has no tax liabilities or other Commonwealth obligations, or has filed a timely administrative or judicial appeal if such liabilities or obligations exist, or is subject to a duly approved deferred payment plan if such liabilities exist.

3. The Contractor's obligations pursuant to these provisions are ongoing from and after the effective date of the Contract through the termination date thereof. Accordingly, the Contractor shall have an obligation to inform the Commonwealth if, at any time during the term of the Contract, it becomes delinquent in the payment of taxes, or other Commonwealth obligations, or if it or, to the best knowledge of the Contractor, any of its subcontractors are suspended or debarred by the Commonwealth, the federal government, or any other state or governmental entity. Such notification shall be made within 15 days of the date of suspension or debarment.

4. The failure of the Contractor to notify the Commonwealth of its suspension or debarment by the Commonwealth, any other state, or the federal government shall constitute an event of default of the Contract with the Commonwealth.

5. The Contractor agrees to reimburse the Commonwealth for the reasonable costs of investigation incurred by the Office of State Inspector General for investigations of the Contractor's compliance with the terms of this or any other agreement between the Contractor and the Commonwealth that results in the suspension or debarment of the contractor. Such costs shall include, but shall not be limited to, salaries of investigators, including overtime; travel and lodging expenses; and expert witness and documentary fees. The Contractor shall not be responsible for investigative costs for investigations that do not result in the Contractor's suspension or debarment.

6. The Contractor may search the current list of suspended and debarred Commonwealth contractors by visiting the eMarketplace website at <http://www.emarketplace.state.pa.us> and clicking the Debarment List tab.

### **V.38 CONTRACT-030.1 Americans with Disabilities Act (July 2021)**

For the purpose of these provisions, the term contractor is defined as any person, including, but not limited to, a bidder, offeror, supplier, or grantee, who will furnish or perform or seeks to furnish or perform, goods, supplies, services, construction or other activity, under a purchase order, contract, or grant with the Commonwealth of Pennsylvania (Commonwealth).

During the term of this agreement, the contractor agrees as follows:

- 1 Pursuant to federal regulations promulgated under the authority of the Americans with Disabilities Act, 28 C. F. R. § 35.101 et seq., the contractor understands and agrees that no individual with a disability shall, on the basis of the disability, be excluded from participation in this agreement or from activities provided for under this agreement. As a condition of accepting and executing this

agreement, the contractor agrees to comply with the "General Prohibitions Against Discrimination," 28 C. F. R. § 35.130, and all other regulations promulgated under Title II of the Americans with Disabilities Act which are applicable to the benefits, services, programs, and activities provided by the Commonwealth through contracts with outside contractors.

- 2 The contractor shall be responsible for and agrees to indemnify and hold harmless the Commonwealth from all losses, damages, expenses, claims, demands, suits, and actions brought by any party against the Commonwealth as a result of the contractor's failure to comply with the provisions of paragraph 1.

### **V.39 CONTRACT-031.1 Hazardous Substances (April 2017)**

The Contractor shall provide information to the Commonwealth about the identity and hazards of hazardous substances supplied or used by the Contractor in the performance of the Contract. The Contractor must comply with Act 159 of October 5, 1984, known as the "Worker and Community Right to Know Act" (the "Act") and the regulations promulgated pursuant thereto at 34 Pa. Code Section 301.1 - 323.6.

a. Labeling. The Contractor shall ensure that each individual product (as well as the carton, container or package in which the product is shipped) of any of the following substances (as defined by the Act and the regulations) supplied by the Contractor is clearly labeled, tagged or marked with the information listed in Subparagraphs (1) through (4):

1) Hazardous substances:

- a) The chemical name or common name,
- b) A hazard warning, and
- c) The name, address, and telephone number of the manufacturer.

2) Hazardous mixtures:

- a) The common name, but if none exists, then the trade name,
- b) The chemical or common name of special hazardous substances comprising .01% or more of the mixture,
- c) The chemical or common name of hazardous substances consisting 1.0% or more of the mixture,
- d) A hazard warning, and
- e) The name, address, and telephone number of the manufacturer.

3) Single chemicals:

- a) The chemical name or the common name,
- b) A hazard warning, if appropriate, and
- c) The name, address, and telephone number of the manufacturer.

4) Chemical Mixtures:

- a) The common name, but if none exists, then the trade name,
- b) A hazard warning, if appropriate,
- c) The name, address, and telephone number of the manufacturer, and
- d) The chemical name or common name of either the top five substances by volume or those substances

consisting of 5.0% or more of the mixture.

A common name or trade name may be used only if the use of the name more easily or readily identifies the true nature of the hazardous substance, hazardous mixture, single chemical, or mixture involved.

Container labels shall provide a warning as to the specific nature of the hazard arising from the substance in the container.

The hazard warning shall be given in conformity with one of the nationally recognized and accepted systems of providing warnings, and hazard warnings shall be consistent with one or more of the recognized systems throughout the workplace. Examples are:

- NFPA 704, Identification of the Fire Hazards of Materials.
- National Paint and Coatings Association: Hazardous Materials Identification System.
- American Society for Testing and Materials, Safety Alert Pictorial Chart.
- American National Standard Institute, Inc., for the Precautionary Labeling of Hazardous Industrial Chemicals.

Labels must be legible and prominently affixed to and displayed on the product and the carton, container, or package so that employees can easily identify the substance or mixture present therein.

b. Material Safety Data Sheet. The contractor shall provide Material Safety Data Sheets (MSDS) with the information required by the Act and the regulations for each hazardous substance or hazardous mixture. The Commonwealth must be provided an appropriate MSDS with the initial shipment and with the first shipment after an MSDS is updated or product changed. For any other chemical, the contractor shall provide an appropriate MSDS, if the manufacturer, importer, or supplier produces or possesses the MSDS. The contractor shall also notify the Commonwealth when a substance or mixture is subject to the provisions of the Act. Material Safety Data Sheets may be attached to the carton, container, or package mailed to the Commonwealth at the time of shipment.

#### **V.40 CONTRACT-032.1 Covenant Against Contingent Fees (Oct 2006)**

The Contractor warrants that no person or selling agency has been employed or retained to solicit or secure the Contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained by the Contractor for the purpose of securing business. For breach or violation of this warranty, the Commonwealth shall have the right to terminate the Contract without liability or in its discretion to deduct from the Contract price or consideration, or otherwise recover the full amount of such commission, percentage, brokerage, or contingent fee.

#### **V.41 CONTRACT-033.1 Applicable Law (Oct 2006)**

This Contract shall be governed by and interpreted and enforced in accordance with the laws of the Commonwealth of Pennsylvania (without regard to any conflict of laws provisions) and the decisions of the Pennsylvania courts. The Contractor consents to the jurisdiction of any court of the Commonwealth of Pennsylvania and any federal courts in Pennsylvania, waiving any claim or defense that such forum is not convenient or proper. The Contractor agrees that any such court shall have in personam jurisdiction over it, and consents to service of process in any manner authorized by Pennsylvania law.

#### **V.42 CONTRACT- 034.1b Integration (Nov 30 2006)**

This Contract, including the Invitation for Bids, the Contractor's bid, all referenced documents, and any Purchase Order constitutes the entire agreement between the parties. No agent, representative, employee or officer of either the Commonwealth or the Contractor has authority to make, or has made, any statement, agreement or representation, oral or written, in connection with the Contract, which in any way can be deemed to modify, add to or detract from, or otherwise change or alter its terms and conditions. No negotiations between the parties, nor any custom or usage, shall be permitted to modify or contradict any of the terms and conditions of the Contract. No modifications, alterations, changes, or waiver to the Contract or any of its terms shall be valid or binding unless accomplished by a written amendment signed by both parties.



#### **V.43 CONTRACT-034.2b Order of Precedence - IFB (Dec 6 2006)**

In the event there is a conflict among the documents comprising this Contract, the Commonwealth and the Contractor agree on the following order of precedence: the Contract; the IFB; and the Contractor's Bid in Response to the IFB.

#### **V.44 CONTRACT-034.3 Controlling Terms and Conditions (Aug 2011)**

The terms and conditions of this Contract shall be the exclusive terms of agreement between the Contractor and the Commonwealth. All quotations requested and received from the Contractor are for obtaining firm pricing only. Other terms and conditions or additional terms and conditions included or referenced in the Contractor's quotations, invoices, business forms, or other documentation shall not become part of the parties' agreement and shall be disregarded by the parties, unenforceable by the Contractor and not binding on the Commonwealth.

#### **V.45 CONTRACT-035.1a Changes (Oct 2006)**

The Commonwealth reserves the right to make changes at any time during the term of the Contract or any renewals or extensions thereof: 1) to increase or decrease the quantities resulting from variations between any estimated quantities in the Contract and actual quantities; 2) to make changes to the services within the scope of the Contract; 3) to notify the Contractor that the Commonwealth is exercising any Contract renewal or extension option; or 4) to modify the time of performance that does not alter the scope of the Contract to extend the completion date beyond the Expiration Date of the Contract or any renewals or extensions thereof. Any such change shall be made by the Contracting Officer by notifying the Contractor in writing. The change shall be effective as of the date of the change, unless the notification of change specifies a later effective date. Such increases, decreases, changes, or modifications will not invalidate the Contract, nor, if performance security is being furnished in conjunction with the Contract, release the security obligation. The Contractor agrees to provide the service in accordance with the change order. Any dispute by the Contractor in regard to the performance required by any notification of change shall be handled through Contract Controversies Provision.

#### **V.46 CONTRACT-037.1a Confidentiality (Oct 2013)**

(a) The Contractor agrees to protect the confidentiality of the Commonwealth's confidential information. The Commonwealth agrees to protect the confidentiality of Contractor's confidential information. In order for information to be deemed confidential, the party claiming confidentiality must designate the information as "confidential" in such a way as to give notice to the other party (notice may be communicated by describing the information, and the specifications around its use or disclosure, in the SOW). Neither party may assert that information owned by the other party is such party's confidential information. The parties agree that such confidential information shall not be copied, in whole or in part, or used or disclosed except when essential for authorized activities under this Contract and, in the case of disclosure, where the recipient of the confidential information has agreed to be bound by confidentiality requirements no less restrictive than those set forth herein. Each copy of such confidential information shall be marked by the party making the copy with any notices appearing in the original. Upon termination or cancellation of this Contract or any license granted hereunder, the receiving party will return to the disclosing party all copies of the confidential information in the receiving party's possession, other than one copy, which may be maintained for archival purposes only, and which will remain subject to this Contract's security, privacy, data retention/destruction and confidentiality provisions (all of which shall survive the expiration of this Contract). Both parties agree that a material breach of these requirements may, after failure to cure within the time frame specified in this Contract, and at the discretion of the non-breaching party, result in termination for default pursuant to the DEFAULT provision of this Contract, in addition to other remedies available to the non-breaching party.

(b) Insofar as information is not otherwise protected by law or regulation, the obligations stated in this Section do not apply to information:

- (1) already known to the recipient at the time of disclosure other than through the contractual relationship;
- (2) independently generated by the recipient and not derived by the information supplied by the disclosing party.
- (3) known or available to the public, except where such knowledge or availability is the result of unauthorized disclosure by the recipient of the proprietary information;
- (4) disclosed to the recipient without a similar restriction by a third party who has the right to make such disclosure; or
- (5) required to be disclosed by law, regulation, court order, or other legal process.

There shall be no restriction with respect to the use or disclosure of any ideas, concepts, know-how, or data processing techniques developed alone or jointly with the Commonwealth in connection with services provided to the Commonwealth under this Contract.

(c) The Contractor shall use the following process when submitting information to the Commonwealth it believes to be confidential and/or proprietary information or trade secrets:

- (1) Prepare an un-redacted version of the appropriate document, and
- (2) Prepare a redacted version of the document that redacts the information that is asserted to be confidential or proprietary information or a trade secret, and
- (3) Prepare a signed written statement that states:
  - (i) the attached document contains confidential or proprietary information or trade secrets;
  - (ii) the Contractor is submitting the document in both redacted and un-redacted format in accordance with 65 P.S. § 67.707(b); and
  - (iii) the Contractor is requesting that the document be considered exempt under 65 P.S. § 67.708(b)(11) from public records requests.
- (4) Submit the two documents along with the signed written statement to the Commonwealth.

#### **V.47 CONTRACT-043.1 Leasing Additional Terms and Conditions (Oct 2013)**

To the extent that the Contractor offers the Commonwealth or any purchasing agency ("Lessee") the option to lease any items covered by the Contract, these Leasing Terms And Conditions shall, in addition to the other terms and conditions of the Contract, govern the Lease, except to the extent the Contractor assigns a Lease to an Initial Assignee, in which case the Initial Assignee shall be bound to the obligations of the Contractor only as specified in these Leasing Terms and Conditions. If a Lessee desires to lease contract items, the Lessee shall indicate its leasing election on the PO issued to the Contractor ("Lease PO"). By issuing a Lease PO, the Lessee explicitly agrees to these Leasing Terms and Conditions. Any items covered by a Lease shall be called "Leased Property" in these Leasing Terms and Conditions. To the extent that there is a conflict between the other terms and conditions of the Contract and these Leasing Terms and Conditions, these Leasing Terms and Conditions shall prevail to the extent that the Lessee has elected a leasing option.

#### **A. Term of Lease**

The Contractor may provide any Leased Property under the Contract for any term up to 60 months, including a Fair Market Value Option for Lease/Purchases. The Lessee shall identify the term selected, as well as its election of either a Lease or Lease/Purchase option, on the Lease PO. The Lease term shall commence on the date the Lessee accepts the Leased Property by executing the Acceptance Certificate, and the term shall continue for the length specified on the Lease PO. The form of the Acceptance Certificate can be found on the Forms page of the Department of General Services' webpage ([www.dgs.state.pa.us](http://www.dgs.state.pa.us)).

If the Contractor delivers the Leased Property in more than one delivery, unless otherwise specified in the Specifications for this procurement, the Lessee will provide separate acceptance certificates for each delivery of the items, and the Lessee will make periodic payments for the Leased Property corresponding to the amount of the Leased Property delivered and accepted 30 days prior to the payment due date.

## **B. Payments**

1. Full Term Intention. The Lessee shall pay the applicable monthly or annual rent payment for the Leased Property for the full Lease term, unless the Lessee terminates the Lease, either for Contractor default as set forth in the Default provision of the Contract or for non-appropriation of funds as specified in this section.

2. Non-Appropriation. The Lessee's obligation is payable only and solely from funds allotted for the purpose of the Lease. If sufficient funds are not appropriated for continuation of performance under any Lease for any fiscal year subsequent to the one in which the Lessee issued the Lease PO, the Lessee may return the Leased Property to the Contractor/Initial Assignee (as applicable), and thereafter the Contractor/Initial Assignee shall release the Lessee of all further obligations under the Lease, provided:

- a. The Lessee delivers unencumbered title to the Leased Property to the Contractor or Initial Assignee (if applicable);
- b. The Lessee returns the Leased Property to the Contractor/Initial Assignee in good condition, reasonable wear and tear excepted; and
- c. The Lessee gives 30 days written notice of the failure of appropriations to the Contractor/Initial Assignee, along with a certification that the Leased Property is not being replaced by similar items from another vendor. In the event the Lessee returns the Leased Property for failure of appropriations, the Lessee shall pay all amounts then due under the Lease through the end of the fiscal year for which sufficient funds were appropriated for the Lease.

## **C. Title**

1. Title to the Leased Property shall not pass to the Lessee but shall remain in the Contractor or Initial Assignee, whichever applies; except in the case of a Lease/Purchase, the title shall pass to the Lessee upon payment of the final installment or other concluding payment option.

- a. Upon payment of the final installment or other concluding payment option, neither the Contractor nor its assignee shall have any further interest in the Leased Property.
- b. The Leased Property shall remain personal property and shall not become a fixture or affixed to real property without consent of the Contractor/assignee.
- c. At the request of the Contractor or Initial Assignee, the Lessee will join the Contractor/assignee in executing one or more UCC-1 financing statements.
- d. The Lessee will keep the Leased Property free and clear of all encumbrances except the Contractor's/assignee's security interest.

## **D. Use And Location Of, and Alteration to Leased Property**

The Lessee shall keep the Leased Property within the confines of the Commonwealth of Pennsylvania and shall inform the Contractor/Initial Assignee upon request of the location of the Leased Property. The Lessee, at its own cost and expense, shall maintain the Leased Property in good operating condition and will not use or deal with the Leased Property in any manner which is inconsistent with the terms of the Contract or any applicable laws and regulations. The Lessee agrees not to misuse, abuse, or waste the Leased Property and the Lessee will not allow the Leased Property to deteriorate, except for ordinary wear and tear resulting from their intended use. No alterations, changes, or modifications to the Leased Property shall be made without the approval of the Contractor/Initial Assignee.

## **E. Risk of Loss**

The Contractor shall assume and bear the risk of loss or damage to, or theft of, the Leased Property and all component parts while the Leased Property or parts are in the Lessee's possession, unless the Lessee could have prevented such loss, damage, or theft by exercising reasonable care or diligence in the use, protection, or care of the Leased Property or parts. No loss or damage to the Leased Property or parts shall impair any Contractor or Lessee obligation under the Lease, except as expressly provided in these Leasing Terms and Conditions. If the damage could not have been prevented by the Lessee's exercise of reasonable care or diligence, and the Contractor determines the Leased Property or parts can be economically repaired, the Contractor shall repair or cause to be repaired all damages to the Leased Property or their parts. In the event that the any of the Leased Property or their parts are stolen or destroyed, or if in the Contractor's opinion they are rendered irreparable, unusable, or damaged, the affected Leased Property shall be considered a total loss and the Lease shall terminate as to that Leased Property, and the Lessee's obligation to pay rent for the affected Leased Property shall be deemed to have ceased as of the date of the loss.

#### **F. Warranties**

1. The Lessee shall have the benefit of any and all manufacturer or supplier warranties for the Leased Property during the Lease term.

2. The Contractor/Initial Assignee and any subsequent assignee warrants that neither the Contractor/Initial Assignee or subsequent assignee, nor anyone acting or claiming through these parties by assignment or otherwise, will interfere with the Lessee's quiet enjoyment of the Leased Property so long as no event of default as defined in Subsection J of this Section shall have occurred and be continuing.

#### **G. Liability**

1. The Lessee assumes all risks and liabilities for injury to or death of any person or damage to any property, arising out of the Lessee's possession, use, operation, condition, or storage of any Leased Property, whether such injury or death be of agents or employees of the Lessee or of third parties, and whether such property damage be to the Lessee's property or the property of others; provided, however, that the damage or injury results from the action or inaction of the Lessee, its agents or employees, and provided that judgment has been obtained against the Lessee, its agents or employees. This provision shall not be construed to limit the governmental immunity of any Lessee.

2. The Lessee shall, during the Lease term, either self-insure or purchase insurance to cover the risks it has assumed under Paragraph 1 of this Subsection, including but not limited to risks of public liability and property damage.

#### **H. Assignment**

1. The Lessee shall not assign any Lease PO or other interest in the Leased Property without the prior written consent of the Contractor or its assignee. The Contractor may assign, and/or grant security interests in whole or in part in, the Lease PO and Leased Property to an Initial Assignee, who in turn may further assign and/or grant a security interest in a Lease to a subsequent assignee without the Lessee's consent. Any other Contractor assignment shall require the Lessee's prior written consent. Upon written notice to the Lessee, the Contractor may assign payments under any Lease to a third party.

2. The Contractor may assign, without Lessee consent, any Lease PO to a third party ("Initial Assignee") who will fund the purchase of the Leased Property. The Initial Assignee may take title to, and assume the right to receive all rental payments for, the Leased Property. The Contractor shall notify the Lessee of any Lease PO assignment in its acknowledgment of the Lease PO to the Lessee, providing the Lessee with a copy of the assignment agreement between the Contractor and the Initial Assignee.

3. Notwithstanding any provisions to the contrary in the Contract, in the event of an assignment to an Initial Assignee, the Initial Assignee shall be bound only to the Contractor's obligations specified in these Leasing Terms and Conditions. An Initial Assignee shall not be responsible for any of the Contractor's additional representations, warranties, covenants, or obligations under the Contract Documents. By issuing a Lease PO, the Lessee waives any claims it may have under the Lease against the Initial Assignee for any loss, damage, or expense caused by, defect

in, or use or maintenance of any Leased Property. The Lessee acknowledges that the Initial Assignee is not the supplier of the Leased Property and is not responsible for their selection or installation. After the ordering Lessee executes, and the Initial Assignee receives, an Acceptance Certificate, if any portion of the Leased Property is unsatisfactory for any reason, the ordering Lessee shall, nevertheless, continue to make payments under the applicable Lease terms and shall make any claim against the Contractor or the manufacturer, not against the Initial Assignee or any subsequent assignee of the Initial Assignee.

4. After a Lessee executes and the Initial Assignee receives an Acceptance Certificate:

a. The Lessee shall, regardless of whether any portion of the Leased Property is unsatisfactory for any reason, nevertheless, continue to make payments under the applicable Lease and shall make any claim relating to the Leased Property against the Contractor or the manufacturer, not against the Initial Assignee or any subsequent assignee; and

b. The rights of the Initial Assignee and any subsequent assignee to receive rental payments are absolute and unconditional and shall not be affected by any defense or right of set-off.

5. Warranty Disclaimer

IN THE EVENT THE CONTRACTOR ASSIGNS A LEASE TO AN INITIAL ASSIGNEE, SUCH INITIAL ASSIGNEE AND ANY SUBSEQUENT ASSIGNEE MAKE NO WARRANTY (OTHER THAN A WARRANTY OF QUIET ENJOYMENT OF THE LEASED PROPERTY), EXPRESS OR IMPLIED, AS TO ANY MATTER WHATSOEVER, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. AS TO THE INITIAL ASSIGNEE AND ANY SUBSEQUENT ASSIGNEE, THE LESSEE TAKES THE LEASED PROPERTY "AS IS". IN NO EVENT SHALL THE INITIAL ASSIGNEE OR ANY SUBSEQUENT ASSIGNEE HAVE ANY LIABILITY FOR, NOR SHALL THE LESSEE HAVE ANY REMEDY AGAINST, THE INITIAL ASSIGNEE OR ANY SUBSEQUENT ASSIGNEE FOR CONSEQUENTIAL DAMAGES, LOSS OF SAVINGS, OR LOSS OF USE.

## **I. Financing and Prepayment**

1. If the Contractor is not the supplier of the Leased Property, the Contractor will pay the charges for the Leased Property directly to the supplier. In the event the Contractor assigns the Lease to an Initial Assignee, the Initial Assignee will pay the charges directly to the Contractor or the supplier, as applicable. If the Contractor has assigned rental payments under the Lease to an Initial Assignee, the Lessee's obligation to make rental payments for the Leased Property for which the Lessee has executed and delivered acceptance certificates shall not be affected by any discontinuance, return, or destruction of any license or licensed program materials, or by any Lessee dissatisfaction with any Leased Property.

2. The Lessee may at any time terminate the financing for any Leased Property by prepaying its remaining rental payments. The Lessee shall provide notice of the intended prepayment date, which shall be at least one month after the date of the notice. Depending on market conditions at the time, the Contractor/Initial Assignee may reduce the balance of the remaining rental payments to reflect the requested prepayment and shall advise the Lessee of the balance to be paid.

3. If the Lessee purchases Contract items related to Leased Property prior to the expiration of the Lease term, or if the Lease is terminated for any reason except non-appropriation as described in Subsection B of this Subsection, and if the Leased Property has been delivered and the Lessee has executed and delivered to the Contractor an acceptance certificate, the Lessee shall prepay such Leased Property.

## **J. Remedies for Default**

1. If the Lessee does not make a required payment within 30 days after its due date and such nonpayment continues for 15 days after receipt of written notice from the Contractor/Initial Assignee that the Lessee is delinquent in payment, if the Lessee breaches any other provision under these Leasing Terms and Conditions and such breach continues for 15 days after receipt of written notice of the breach from the Contractor/Initial Assignee, or if the Lessee files any petition or proceeding (or has a petition or proceeding filed against it) under any bankruptcy, insolvency, or similar law, the Contractor/Initial Assignee may pursue and enforce the following remedies,

individually or collectively:

a. Terminate the applicable Lease.

b. Take possession of any or all Leased Property in the Lessee's possession, without any court order or other process of law. For such purpose, upon written notice of its intention to do so, the Contractor or its assignee may enter upon the premises where the Leased Property may be and remove and repossess the Leased Property, from the premises without being liable to the Lessee in any action or legal proceedings. The Contractor/assignee may, at its option, sell the repossessed Leased Property at public or private sale for cash or credit. The Lessee shall be liable for the Contractor's/assignee's expenses of retaking possession, including without limitation the removal of the Leased Property and placing the Leased Property in good operating condition (if not in good operating condition at the time of removal) in accordance with the manufacturer's specifications. Repossessed Leased Property shall include only those items that were leased or lease/purchased under the Lease.

c. Recover from the Lessee all rental payments then due, plus the net present value of the amount of the remaining rental payments. The present value of such remaining rental payments shall be calculated using a discount rate equal to the average of the weekly two- and three-year Treasury Constant Maturities published by the Federal Reserve Board for the last calendar week of the month preceding the contractor's/assignee's termination of the applicable Lease. The Treasury Constant Maturities are published in Statistical Release .15 and may be accessed via the Federal Reserve Board's Internet website.

2. In the event of Contractor default under the Default provision of the Contract, the Lessee may pursue one or more of the following remedies:

a. If the rental payments under the Lease have been assigned to an Initial Assignee, the Lessee shall continue to make payments for that Leased Property which has been delivered and for which the Lessee has provided acceptance certificates to the Contractor/Initial Assignee.

b. The Lessee may cancel, without liability for payment, its order for any Leased Property which has not been delivered and for which it has not issued acceptance certificates. In this instance, the amount of the rental payments will be recalculated to take into consideration and pay for the actual amount of Leased Property which was delivered and accepted. If no Leased Property has been delivered and accepted, the Lessee may terminate the Lease without liability for any payment.

c. If payments have not been assigned, the Lessee may set off or counterclaim any and all damages incurred by the Lessee as a result of the Contractor's default against its obligation to make rental payments.

#### **K. Purchase Option**

If the Lessee is not in default, it shall have the right at the expiration of the Lease term to buy the Leased Property "as is with no additional warranty" by tendering the purchase option amount the parties have established. For any Lease with a Fair Market Value Option, the fair market value of the equipment shall be established by the Contractor/Initial Assignee and shall not exceed the then-current purchase price of the Leased Property as established in the Contract. Upon the Lessee's exercise of a purchase option and payment of the required amount to the Contractor/Initial Assignee, all right, title, and interest in the Leased Property shall pass to the Lessee.

#### **L. Extension**

If the Lessee does not elect to purchase the Leased Property at the expiration of a Lease term, and the Lessee is not in default under the Lease, the Lessee may elect to extend the Lease by written notification to the Contractor/Initial Assignee. The Lessee will make any elective extension under the same Leasing Terms and Conditions, including any rent payable (not less than fair market rental value), and will continue until the earlier of termination by either party upon one month's prior written notice, or five years from the date of installation.

#### **M. Return of Leased Property**

At the expiration or termination of a Lease for any Leased Property, or upon Contractor/Initial Assignee demand pursuant to Subsection J. of this Section, the Lessee shall promptly return the Leased Property, freight prepaid, to

any location in the continental United States specified by the Contractor/Initial Assignee. The Lessee shall pay the required rent for the Leased Property until they have been shipped to the Contractor.

1. Since DGS has, as a matter of policy, determined that all hard drives contain information that is confidential or sensitive, the Contractor shall, at its discretion, either remove and destroy any hard drive from the Leased Property or clean the hard drive to Office of Administration/U.S. Department of Defense standards, and the Contractor shall provide written certification to the Lessee that the hard drive has been destroyed or cleaned to Office of Administration/U.S. Department of Defense standards.

2. Except in the event of a total loss of any or all Leased Property as described in Subsection E. of this Section, and except for any costs associated with the removal, destruction, and cleaning of any hard drives, the Lessee shall pay any costs the Contractor/Initial Assignee incurs to restore the Leased Property to good operating condition in accordance with the Contract specifications. All parts the Contractor/Initial Assignee may remove and replace shall become the Contractor's/Initial Assignee's property.

3. The Contractor's/Initial Assignee's costs associated with the cleaning of any hard drive to Office of Administration/U.S. Department of Defense standards and the removal and destruction of any hard drive(s) shall be included in the rental amount. The Lessee shall not be required to pay additional charges for the Contractor's/Initial Assignee's cleaning of a hard drive to Office of Administration/U.S. Department of Defense standards nor for the Contractor's/Initial Assignee's removal and destruction of any hard drive(s) upon the return of a Leased item.

#### **N. Compliance with Internal Revenue Code**

1. Tax Exemption Financing. If it intends to provide tax exempt financing, the Contractor/Initial Assignee must file, in timely fashion, any reports the Internal Revenue Service may require with respect to the order under the Internal Revenue Code (IRC). The Lessee shall cooperate with the Contractor/Initial Assignee in the preparation and execution of these documents. The Lessee shall also keep a copy of each notification of assignment with the Lessee's counterpart of the order and shall not, during the Lease term, permit the Leased Property to be directly or indirectly used for a private business use within the meaning of Section 141 of the IRC.

2. Governmental Status. Eligible Lessees include State entities or political subdivisions of a State for the purpose of Section 103(a) of the IRC as well as tax exempt non-profit corporations and entities under 501(c)(4) of the IRC. Any misrepresentation of a Lessee's status under the IRC shall constitute an event of default by the Lessee. If the Internal Revenue Service rules that the Lessee does not so qualify under either Section 103(a) or 501(c)(4) of the IRC, or if the Lessee fails to cooperate with the Contractor/Initial Assignee in the preparation and execution of any reports required under Section 124 or 149 of the IRC (including 8038G and 8038GC forms), the Lessee will, upon demand, pay the Contractor/Initial Assignee a sum the Contractor/Initial Assignee determines sufficient to return the Contractor/Initial Assignee to the economic status it would otherwise have received.

#### **O. Governing Law**

All Leases made under these Leasing Terms and Conditions shall be governed by and construed in accordance with the laws of the Commonwealth of Pennsylvania, except that the parties agree that Article 2A of the Uniform Commercial Code shall not apply or govern transactions under these Leasing Terms and Conditions.

#### **P. Notices**

Service of all notices under these Leasing Terms and Conditions shall be sufficient if delivered to the Lessee at the address set forth in the applicable Lease PO, or to the Contractor/Initial Assignee at the address set forth in its acknowledgment of the Lease PO, including any attached document. Notices by mail shall be effective when deposited in the U.S. mail, properly addressed, with sufficient paid postage. Notices delivered by hand or by overnight courier shall be effective when actually received.

#### **V.48 CONTRACT-045.1 Insurance - General (Dec 12 2006)**

The Contractor is required to have in place during the term of the Contract and any renewals or extensions thereof, the following types of insurance, issued by companies acceptable to the Commonwealth and authorized to conduct

such business under the laws of the Commonwealth of Pennsylvania:

- A. **Worker's Compensation Insurance** for all of the Contractor's employees and those of any subcontractor, engaged in work at the site of the project as required by law.
- B. **Public Liability and Property Damage Insurance** to protect the Commonwealth, the Contractor, and any and all subcontractors from claims for damages for personal injury (including bodily injury), sickness or disease, accidental death and damage to property including the loss of use resulting from any property damage, which may arise from the activities performed under the Contract or the failure to perform under the Contract, whether such performance or non-performance be by the Contractor, by any subcontractor, or by anyone directly or indirectly employed by either. The minimum amounts of coverage shall be \$250,000 per person and \$1,000,000 per occurrence for bodily injury, including death, and \$250,000 per person and \$1,000,000 per occurrence for property damage. Such policies shall be occurrence rather than claims-made policies and shall not contain any endorsements or any other form designated to limit and restrict any action by the Commonwealth, as an additional insured, against the insurance coverage in regard to work performed for the Commonwealth.

Prior to commencement of the work under the Contract and at each insurance renewal date during the term of the Contract, the Contractor shall provide the Commonwealth with current certificates of insurance. These certificates or policies shall name the Commonwealth as an additional insured and shall contain a provision that the coverage's afforded under the policies will not be cancelled or changed until at least thirty (30) days written notice has been given to the Commonwealth.

The Commonwealth shall be under no obligation to obtain such certificates from the Contractor(s). Failure by the Commonwealth to obtain the certificates shall not be deemed a waiver of the Contractor's obligation to obtain and furnish certificates. The Commonwealth shall have the right to inspect the original insurance policies.

#### **V.49 CONTRACT-046.1 Manufacturer's Price Reduction (Oct 2006)**

If, prior to the delivery of the awarded item(s) by the Contractor, a price reduction is announced by the original equipment manufacturer, a comparative price reduction will be given to the Commonwealth by the Contractor.

#### **V.50 CONTRACT-051.1 Notice (Dec 2006)**

Any written notice to any party under this Contract shall be deemed sufficient if delivered personally, or by facsimile, telecopy, electronic or digital transmission (provided such delivery is confirmed), or by a recognized overnight courier service (e.g., DHL, Federal Express, etc.) with confirmed receipt, or by certified or registered United States mail, postage prepaid, return receipt requested, and sent to following:

- a. If to the Contractor: the Contractor's address as recorded in the Commonwealth's Supplier Registration system.
- b. If to the Commonwealth: the address of the Issuing Office as set forth on the Contract.

#### **V.51 CONTRACT-052.1 Right to Know Law (Feb 2010)**

a. The Pennsylvania Right-to-Know Law, 65 P.S. §§ 67.101-3104, ("RTKL") applies to this Contract. For the purpose of these provisions, the term "the Commonwealth" shall refer to the contracting Commonwealth agency.

b. If the Commonwealth needs the Contractor's assistance in any matter arising out of the RTKL related to this Contract, it shall notify the Contractor using the legal contact information provided in this Contract. The Contractor, at any time, may designate a different contact for such purpose upon reasonable prior written notice to the Commonwealth.

c. Upon written notification from the Commonwealth that it requires the Contractor's assistance in responding to a



request under the RTKL for information related to this Contract that may be in the Contractor's possession, constituting, or alleged to constitute, a public record in accordance with the RTKL ("Requested Information"), the Contractor shall:

1. Provide the Commonwealth, within ten (10) calendar days after receipt of written notification, access to, and copies of, any document or information in the Contractor's possession arising out of this Contract that the Commonwealth reasonably believes is Requested Information and may be a public record under the RTKL; and
2. Provide such other assistance as the Commonwealth may reasonably request, in order to comply with the RTKL with respect to this Contract.

d. If the Contractor considers the Requested Information to include a request for a Trade Secret or Confidential Proprietary Information, as those terms are defined by the RTKL, or other information that the Contractor considers exempt from production under the RTKL, the Contractor must notify the Commonwealth and provide, within seven (7) calendar days of receiving the written notification, a written statement signed by a representative of the Contractor explaining why the requested material is exempt from public disclosure under the RTKL.

e. The Commonwealth will rely upon the written statement from the Contractor in denying a RTKL request for the Requested Information unless the Commonwealth determines that the Requested Information is clearly not protected from disclosure under the RTKL. Should the Commonwealth determine that the Requested Information is clearly not exempt from disclosure, the Contractor shall provide the Requested Information within five (5) business days of receipt of written notification of the Commonwealth's determination.

f. If the Contractor fails to provide the Requested Information within the time period required by these provisions, the Contractor shall indemnify and hold the Commonwealth harmless for any damages, penalties, costs, detriment or harm that the Commonwealth may incur as a result of the Contractor's failure, including any statutory damages assessed against the Commonwealth.

g. The Commonwealth will reimburse the Contractor for any costs associated with complying with these provisions only to the extent allowed under the fee schedule established by the Office of Open Records or as otherwise provided by the RTKL if the fee schedule is inapplicable.

h. The Contractor may file a legal challenge to any Commonwealth decision to release a record to the public with the Office of Open Records, or in the Pennsylvania Courts, however, the Contractor shall indemnify the Commonwealth for any legal expenses incurred by the Commonwealth as a result of such a challenge and shall hold the Commonwealth harmless for any damages, penalties, costs, detriment or harm that the Commonwealth may incur as a result of the Contractor's failure, including any statutory damages assessed against the Commonwealth, regardless of the outcome of such legal challenge. As between the parties, the Contractor agrees to waive all rights or remedies that may be available to it as a result of the Commonwealth's disclosure of Requested Information pursuant to the RTKL.

i. The Contractor's duties relating to the RTKL are continuing duties that survive the expiration of this Contract and shall continue as long as the Contractor has Requested Information in its possession.

**SPECIFICATIONS**  
**FOR**  
**TWO-WAY RADIO EQUIPMENT & SERVICES**

**ISSUING OFFICE**  
**DEPARTMENT OF GENERAL SERVICES**

**INVITATION FOR BID NUMBER**

**6100055625**

**DATE OF ISSUANCE**

**JUNE 20, 2022**

**SPECIFICATIONS  
FOR  
TWO-WAY RADIO EQUIPMENT & SERVICES  
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## CALENDAR OF EVENTS

The Commonwealth will make every effort to adhere to the following schedule:

<b>Activity</b>	<b>Responsibility</b>	<b>Date</b>
Deadline to submit questions via <a href="mailto:RA-GSITPROCUREMENT@pa.gov">RA-GSITPROCUREMENT@pa.gov</a> with the subject line “IFB 6100055625 Question”	Bidders	<b>July 8, 2022 1:00PM EST</b>
Answers to questions posted to the PA eMarketplace portal website ( <a href="http://www.emarketplace.state.pa.us">http://www.emarketplace.state.pa.us</a> ).	Issuing Office	<b>July 15, 2022</b>
Please monitor the PA eMarketplace portal website for all communications regarding this IFB, such as addendums, answers to questions, revised appendices, etc.	Bidders	<b>Ongoing</b>
Bid package must be received by the Issuing Office at:  PASupplierPortal website ( <a href="http://www.pasupplierportal.state.pa.us">http://www.pasupplierportal.state.pa.us</a> ) no later than this date.	Bidders	<b>July 19, 2022 12:00PM EST</b>

## PART I

### GENERAL INFORMATION

#### **I-1. Issuing Office:**

The Office of Administration (“Issuing Office”) has issued this Invitation for Bid (“IFB”) on behalf of the Commonwealth. The sole point of contact in the Commonwealth for this IFB is Raeden Hosler ([RA-GSITPROCUREMENT@pa.gov](mailto:RA-GSITPROCUREMENT@pa.gov)), 555 Walnut Street., Forum Place 6<sup>th</sup> Floor, Harrisburg, PA 17101, the Issuing Officer for this IFB. Please refer all inquiries to the Issuing Officer.

The Issuing Officer is the sole point of contact concerning this IFB. Any violation of this condition may be cause for the Issuing Office to reject the offending Bidder’s bid. If the Issuing Office later discovers that the Bidder has engaged in any violations of this condition, the Issuing Office may reject the offending Bidder’s bid or rescind its contract award. A Bidder must not distribute any part of its bid beyond the Issuing Office. Any Bidder who shares information contained in its bid with other Commonwealth personnel and/or competing Bidder personnel may be cause for the Issuing Office to reject the offending Bidder’s bid.

#### **I-2. Bid Submission:**

Bids must be submitted electronically via the PASupplierPortal website on or before the due date specified in the Calendar of Events. Any bid submitted to the Issuing Office in hardcopy format will be rejected. Please refer to Section I.6, IFB-011.1B Submission of Bids – Electronic Submittal (May 2011), of the IFB.

Please be advised that Section 889, the Prohibition on Certain Telecommunications and Video Surveillance Services or Equipment, of the 2019 National Defense Authorization Act prohibits from obtaining or extending a contract to obtain “any equipment, system, or service that uses covered telecommunications equipment or services as a substantial or essential component of any system, or as critical technology as part of any system.” This rule was put into place to prevent cyberattacks and efforts to exfiltrate information and intellectual property by foreign adversaries, which pose risks for the U.S. government and industry. Therefore, Bidders are prohibited from offering, either directly or indirectly, the products or services of the following companies and any of their subsidiaries and affiliates:

- Huawei Technologies Company
- ZTE Corporation
- Hytera Communications Corporation
- Hangzhou Hikvision Digital Technology Company
- Dahua Technology Company
- Yealink

The following documentation must be completed and returned with a Bidder’s bid:

- **Appendix A, Manufacturer Discount List:** Bidders should submit pricing for all in-scope equipment and services which they intend to sell through their contract resulting from this IFB. Bidders may submit different discounts for each product category, and for each manufacturer within a product category.
- **Appendix B, Lobbying Certification Form**
- **Appendix C, GSPUR-89 Reciprocal Limitations Act Requirements**
- **Appendix D, COSTARS Program Election Form** (if applicable)
- **Appendix E, Dedicated Contacts**
- **Appendix F, BOP-2201-06 Worker Protection Form**
- **Manufacturer Authorization Letter** (if applicable): If a Bidder is submitting as a reseller, it must submit a Manufacturer Authorization Letter which clearly states the Bidder is authorized to provide the OEM's two-way radio equipment and services to the Commonwealth for this IFB. The Manufacturer Authorization Letter must reference the Commonwealth IFB 6100055625 for Two-Way Radio Equipment & Services. A Bidder must submit a Manufacturer Authorization Letter for each OEM which the Bidder is proposing, unless the Bidder is the OEM.
- **Manufacturer Price List:** A Bidder must submit a document and/or web link to the OEM's current retail price list for each OEM the Bidder is proposing. The OEM's current retail price list must include all two-way radio equipment & services provided by the OEM. A Bidder must be capable of providing all two-way radio equipment & services provided by an OEM.

Failure to submit the documentation listed above will result in the bid being rejected. The submission of any documentation other than what is listed above may result in the bid being rejected.

**I-3. Information Technology Policies:**

This IFB is subject to the Information Technology Policies ("ITP") issued by the Office of Administration, Office for Information Technology ("OA-OIT"). ITP's may be found at <http://www.oa.pa.gov/Policies/Pages/itp.aspx>

All bids must be submitted on the basis that all ITPs are applicable to this procurement. It is the responsibility of the Bidder to read and be familiar with the ITPs. Notwithstanding the foregoing, if the Bidder believes that any ITP is not applicable to this procurement, it must list all such ITPs in its bid, and explain why it believes the ITP is not applicable. The Issuing Office may, in its sole discretion, accept or reject any request that an ITP not be considered to be applicable to the procurement. The Bidder's failure to list an ITP will result in its waiving its right to do so later, unless the Issuing Office, in its sole discretion, determines that it would be in the best interest of the Commonwealth to waive the pertinent ITP.

**I-4. Bidding Reference Material:**

New Vendor Registration Guide  
 General Conditions and Instructions to Bidders  
[Attaching Documents](#)  
[Electronic Bidding Portal](#)

**PART II**  
**REQUIREMENTS**

**II-1. General Requirements:**

**A. Account Management:**

The Contractor must provide a dedicated account manager who will be the main point of contact for all requests, and will be responsible for the coordination of all orders and the resolution of any issues. The Issuing Office will consider the account manager to be the sole point of contact with regard to contractual and purchase order matters.

**B. Dedicated Contacts:**

Bidders must identify the following dedicated contacts in Appendix E, Dedicated Contacts:

- Account Manager: The account manager must be main point of contact for all requests, and will be responsible for the coordination of all orders and the resolution of any sales issues.
- Service Manager: The service manager must be main point of contact for the resolution of any service issues that are escalated from the service desk.
- Service Desk Number: The service desk number must be a toll free dedicated number for Commonwealth warranty and service calls.
- OEM Contact: (only required if the Contractor is not the OEM). Contractors must arrange support from this contact for the resolution of any issues that require OEM intervention.

The Contractor must provide notice of change in dedicated contacts within 30 days to the Commonwealth. Advance notification and employee overlap is not required for changes in dedicated contacts due to resignations, death and disability, dismissal for cause or dismissal as a result of termination of a subcontract or any other cause that is beyond the control of the selected Contractor or its subcontractor. However, the Commonwealth must approve the replacement staff.

**C. Subcontracting:**

Any services which are not provided by the Contractor must be provided by an OEM Authorized Service Provider that must be approved in advance by the Commonwealth.

Authorized dealers are not permitted. Contractors are not permitted to allow authorized dealers to quote equipment and services through any contract resulting from this IFB.

**D. Technicians:**

All Technicians assigned to repair, fix or service equipment, must have a minimum of five years demonstrated experience and must also be certificated by the OEM in order to provide maintenance. The Commonwealth reserves the right to audit technician qualifications at any time during the term of the Contract.

## **E. Pricing:**

### **1. Additional Discounts:**

Contractors are encouraged to offer lower prices for all requests for quotes, especially requests for quotes with high quantities. The Commonwealth may negotiate additional price concessions on all orders. Please refer to Section V.48 of the IFB.

### **2. Trade-In:**

The Contractor may allow the Commonwealth to trade-in existing equipment for credit toward a new order. A trade-in must be agreed to by the Commonwealth and the Contractor. The Contractor must provide fair market value when accepting a trade-in.

### **3. Price Lists:**

Contractors may update their price list throughout the term of the contract to reflect the introduction of new products, manufacturer's price changes, as well as deletions and substitutions of a manufacturer's discontinued items.

## **F. Orders:**

### **1. Order Acceptance:**

The Contractor must be capable of accepting orders via the Commonwealth's purchasing credit card (Pcard) in addition to SRM purchase orders; the Commonwealth's standard order type. Please refer to Section V.6 of the IFB.

### **2. Order Shipment:**

**a.** The Contractor must securely and properly package the equipment for shipment, storage and stocking in appropriate, clearly labeled, shipping containers and according to accepted commercial practice, without extra charge for packing materials, cases, or other types of containers. All containers and packaging will become and remain property of the Commonwealth.

**b.** All orders must include a packaging slip which includes, at a minimum: Commonwealth agency, requestor name, order quantity and SRM purchase order number.

**c.** Partial shipments may be requested by any Commonwealth agency. If not requested, partial shipments are acceptable only if authorized by the Commonwealth agency that ordered the equipment.

**d.** The Contractor must ensure all incorrect shipments are corrected within 10 business days from the date the Contractor is notified by the Commonwealth. The business days of the Commonwealth are as follows; 7:30 to 5:00pm,



Monday through Friday, excluding state holidays. Please refer to Section II-3 D of these specifications.

**3. Order Delivery:**

All orders for equipment must be delivered to the location specified by the Commonwealth within 10 business days for Off-the-shelf equipment and 30 business days for custom ordered equipment unless otherwise agreed upon between the Commonwealth and the vendor. Please refer to Section II-3 D of these specifications. Off-the-shelf equipment refers to equipment that the Contractor currently has in stock. Custom ordered equipment refers to equipment that the Contractor does not have in stock and must special order on behalf of the Commonwealth. Orders must be delivered between the business hours of 7:30 AM and 5:30 PM, Monday through Friday, excluding state holidays. Calculation of delivery time does not include the day that the purchase order is issued, but does include the day of delivery. When a specific delivery date is agreed upon for a full delivery or partial delivery, delivery must occur on the requested date. The Contractor must store all equipment in its own facilities until the agreed upon delivery date. Please refer to Section V.9 CONTRACT-007.01a Supplies Delivery (Nov 30 2006) of the IFB.

The Contractor, within 24 hours after receiving an order, must notify the Commonwealth of any potential delivery delays. Evidence of inability or intentional delays will be cause for the cancellation or suspension of a contract.

**G. Quoting:**

The Commonwealth is not responsible for any charges not included on the quote, nor is the Commonwealth responsible for any charges in the quote that are contrary to the IFB, these specifications or law.

**H. Literature:**

User manuals and operating instructions must be provided with each piece of equipment. Delivery is considered complete if these requirements is met by delivery one copy of each required manual or if there are web manuals or a tutorial is available online.

**I. Training:**

Training, up to 4 hours, related to purchased and installed equipment will be provided to the Commonwealth at no cost. Online/web training or instructor led training are acceptable; however, the Contractor shall obtain Commonwealth approval prior to implementing the method of the training.

**J. Americans with Disabilities Act:**

Upon request, the Contractor must be able to identify any equipment being offered that may be used or adapted for use by visually, hearing or other physically impaired individuals.

## **II-2. Equipment Requirements:**

Bidders should refer to Appendix A, Manufacturer Discount List, for a full listing of categories of equipment.

### **A. Parts and Accessories:**

In addition to two-way radios, the Commonwealth reserves the right to procure parts and accessories related to the equipment, including but not limited to, antennas and amplifiers, mounts and power supplies, batteries and chargers, device protection and carrying cases, control stations, consoles, repeaters, test equipment, etc.

**B. P25 Specifications:** The specifications listed in this subsection B. apply only to radios intended for use on the P25 Radio Network (STARNet). Additional information is included in Appendix H, P25 Compliance Assessment Program.

1. Radios must be capable of P25 Phase 2 (TDMA) operation.
2. Radios that are operationally required to operate statewide must be dual-band enabled and capable of operating in the VHF and 800MHz frequency bands.
3. Radios must be traceable to the P25 compliance assessment program.
4. Radios must conform to the authentication service as defined by the P25 Authentication standard TIA102.AACE.

### **C. Compliance:**

Equipment shall comply with all applicable Federal Communications Commission (FCC) requirements. All components shall meet or exceed all applicable Electronic Industries Alliance (EIA) standards. Upon request by a Using Agency of the Commonwealth, awarded Contractors may be required to submit a Certificate of Conformance to the Agency for adherence and compliance to FCC requirements and/or EIA standards applicable to the equipment or components being purchased.

## **II-3. Services Requirements:**

Contractors may offer to provide additional related services in conjunction with the equipment items they are offering to supply to the Commonwealth under this Contract ("Ancillary Services"). However, any Ancillary Services offered must be: (1) expressly authorized in the original IFB/Contract, (2) directly related to the delivery, installation or normal use of the product or component parts purchased. Ancillary services include, but are not limited to, the following:

- Maintenance & Support;
- Warranty & Extended Warranty Services;
- Customization (any modification to a Contract item to meet Purchaser-specific requirements);
- Installation or Removal;
- Reprogramming and Firmware updates; and

- Labor for Agency provided materials (At least one (1) new contract related material must be purchased from the contractor for agencies to use provided materials).

**A. Quality and Reliability:**

The awarded Contractors must perform quality repairs to all equipment maintained under this agreement. After equipment is serviced, the equipment must perform in an efficient manner with a minimum amount of down time.

1. 90-Day (Rolling) Repetitive Service: If a single asset requires three service calls for any service issues within a 90-day rolling time period, the Contractor will be required to notify the agency to discuss the issues and make suggestions as to what should be done with the device. If the cause of excessive service calls is determined to be due to an operator error, misuse, or abuse by the Commonwealth, associated repair time will not be a factor in determining satisfactory machine performance. Also, The Commonwealth will discuss repetitive failures caused by a known equipment manufacturing defect with the awarded Contractor.
2. The Commonwealth will require contractors to provide new, non-refurbished parts. Replacement parts must be made available for at least three years after the warranty expiration. If a product has reached the end of life and new parts are not readily available, the Commonwealth realizes refurbished parts will be the only option. All new and refurbished parts will be covered under additional warranty by the contractor for a minimum of 180 days after installation or longer if provided by the parts manufacturer. The Commonwealth will permit the permanent “Swap-Out” of contract covered equipment. “Swap-Out” is defined as the permanent replacement of the total unit with total component replacement. A “Swap-Out” permanent replacement will only take place in the event that it is agreed upon by both the Agency and Contractor that a “Swap-Out” is in the best interest of The Commonwealth.
3. The awarded contractors must apply all Original Equipment Manufacturer (OEM) mandatory engineering changes to all contract covered equipment, at no cost to The Commonwealth and restore all contract covered equipment to original functionality, as defined by the OEM.

**B. Installation:**

Installation as used in this Contract is limited to delivery in place with no permanent attachment to the real property. Installation of component parts into existing equipment of the Purchaser is permitted. This Contract may not be used to purchase initial equipment for installation in new construction. However, fastening a product to an existing building floor, wall, ceiling or roof which can later be removed without damaging the building and connecting to existing electrical, plumbing and HVAC fixtures is permitted. Installation which involves the process of building, altering, repairing, improving or demolishing a structure or building or other improvements of any kind to any real property are defined by law to be construction activities and are not permitted for this Contract. Installation and construction activities for purchasers

that are governmental entities, including the Using Agencies, are subject to certain laws regarding public construction, which may include but are not limited to:

The Pennsylvania Prevailing Wage Act, *43 P.S. Sections 165-1 et seq.* The Secretary of Labor and Industry will determine any applicable wage rates by each craft or work classification needed to perform the Contract installation for a government unit.

The Steel Products Procurement Act, *73 P.S. §§ 1881-1887*, and the Trade Practices Act, *71 P. S. § 773.101 et seq.*, which place restrictions upon the source of certain steel, cast iron and aluminum products allowed to be used in the performance of public agency contracts.

The Separations Act of 1913, *71 P.S. § 1618 (and 53 P.S. § 1003 for municipalities)*, which requires the solicitation of separate bids and the award of separate contracts where design/specifications are developed for more than one type of electrical, plumbing or HVAC work.

Any additional laws, regulations or policies that may apply to the installation, including but not limited to performance security, payment bonding, insurance and progress/prompt payment requirements.

**C. New Products, Services, and New Technologies:**

The Contractor must ensure that the Commonwealth will continually be made aware of new innovation and “state-of-the-art” technologies. Education on products, services and technologies must be provided to the Commonwealth. Website, Newsletter, user groups and email are acceptable methods of providing this information.

**D. Warranty Service:**

The bid price shall include a minimum one-year warranty covering parts and labor against defects in workmanship and materials for all equipment purchased under this Contract. For depot repair for small/portable devices, the Contractor will be responsible for all pick-up, shipping and return charges. Depot returns are to be completed with three business days of receipt of warranted equipment. For all fixed station equipment purchased under this Contract, Contractors must include a one-year on-site warranty. During the warranty period, the Contractor shall repair or replace defective components and/or units at no cost to the Commonwealth. The warranty period shall commence upon acceptance of the items by the Commonwealth. Please refer to Section V.13 CONTRACT-010.1a Acceptance (Oct 2006) of the IFB.

1. The Contractor must honor the warranty specified by the OEM for all equipment being offered, at no additional cost to the Commonwealth.
2. The Contractor must include the most recent software and firmware patches, fixes and upgrades, if available from the OEM, on equipment during the warranty period, at no additional cost to the Commonwealth.

3. The Contractor must provide a central point of contact to address warranty service issues. The Contractor must make available technical support contacts through the internet and provide a toll-free contact number.
4. The Contractor must be capable of receiving service calls on a 24 hour per day basis, 365 days of the year, during a warranty period. The Contractor must have service technicians and the support infrastructure available to provide warranty services that meet the service level agreement specified within the statement of work which is attached to the associated purchase order.
5. The Contractor may provide warranty services outside of business hours if agreed upon by the Commonwealth and the Contractor.
6. The Contractor must provide warranty services for the full term of any lease, at no additional cost to the Commonwealth.
7. The Contractor must be capable, either directly or through the OEM, to perform on-site warranty services. Warranty is defined as the standard provided by the OEM for the period of time indicated in the Contract. On-site services must be completed by the end of the next business day.

**E. Maintenance/Extended Warranty Services:**

1. The Contractor must, if requested by the Commonwealth, provide maintenance/extended warranty services for all equipment being offered.
2. The Contractor must provide a written quote for all maintenance/extended warranty service orders which the Commonwealth will attach to the associated SRM purchase order.
3. Orders for maintenance/extended warranty services made during the term of the contract may extend up to two years past the expiration date of the contract.

**F. Service Level Agreements (SLAs):**

The following SLAs apply to the Contractor's performance with the individual agency.

IFB Requirement	Service Level Agreements	Service Credit
Delivery of off-the-shelf equipment.	Within 10 business days.	5% of the cost of the order for each occurrence.
Delivery of custom order equipment.	Within 30 business days or agreed upon delivery date.	5% of the cost of the order for each occurrence.
Incorrect shipment to the Commonwealth.	Corrected within 10 business days.	5% of the cost of the order for each occurrence.

The Contractor must provide the Commonwealth with quarterly reports detailing equipment purchasing activity, performance and customer satisfaction.	The reports must be provided to the Commonwealth no later than 15 business days after the end of the quarter.	If the Contractor fails to meet the SLA for two (2) quarters within a calendar year, the Contractor will be ineligible to receive orders from any agency in the Commonwealth for six months.
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The Contractor must reimburse the Commonwealth within 45 days of the missed SLA. The Contractor must pay the service credits by deducting the amount from an invoice or by sending a check addressed to the Commonwealth of Pennsylvania for the amount of the service credit. All checks must be sent to the following address:

Office of Comptroller Operations  
Revenue & Cash Management  
555 Walnut St., 9th Floor  
Harrisburg PA 17101-1925

The Contractor must attach, along with its check, a breakdown of the reimbursement which includes, at a minimum: Commonwealth agency, SRM purchase order number and reimbursement amount.

**II-4. Reporting Requirements:**

**A. Quarterly Reports:**

The Contractor must provide quarterly reports to the Office of Administration, Office of Information Technology, Bureau of IT Procurement. The Contractor must provide quarterly reports to the Commonwealth no later than 15 business days after the end of a quarter. A quarter is defined by the Commonwealth as follows:

- Quarter 1: January through March
- Quarter 2: April through June
- Quarter 3: July through September
- Quarter 4: October through December

The Contractor must utilize Appendix I, Quarterly Report Template. A quarterly report must consist of, and include at a minimum:

1. Sales Summary Report which includes, at a minimum: Agency Information, Equipment Information and Order Information.
2. SLA Summary Report which includes, at a minimum: Agency Name, Off-the-shelf delivery actual service level, Custom delivery actual service level, Incorrect Shipment Correction actual service level, and Quarterly report delivery actual service level.
3. Outstanding Issues Summary report which includes, at a minimum: Agency Information and Outstanding Issue Summary.

**B. Additional Reports:**

Additional reports may be added, or removed, by the Commonwealth at any time.





## LOBBYING CERTIFICATION FORM

### Certification for Contracts, Grants, Loans, and Cooperative Agreements

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, Disclosure of Lobbying Activities, which can be found at:

<https://www.gsa.gov/Forms/TrackForm/33144>

(3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed under *Section 1352, Title 31, U. S. Code*. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than **\$100,000** for such failure.

SIGNATURE: \_\_\_\_\_

TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

## RECIPROCAL LIMITATIONS ACT REQUIREMENTS

Please Complete Applicable Portion of Pages 3 & 4 and Return with Bid.

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NOTE: These Requirements Do Not Apply To Bids Under \$10,000.00

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### I. REQUIREMENTS

- A.** The Reciprocal Limitations Act requires the Commonwealth to give preference to those bidders offering supplies produced, manufactured, mined or grown in Pennsylvania as against those bidders offering supplies produced, manufactured, mined or grown in any state that gives or requires a preference to supplies produced, manufactured, mined or grown in that state. The amount of the preference shall be equal to the amount of the preference applied by the other state for that particular supply.

The following is a list of states which have been found by the Department of General Services to have applied a preference for in-state supplies and the amount of the preference:

	<b>STATE</b>	<b>PREFERENCE</b>
1.	Alaska	7% (applies only to timber, lumber, and manufactured lumber products originating in the state)
2.	Arizona	5% (construction materials produced or manufactured in the state only)
3.	Hawaii	10%
4.	Illinois	10% for coal only
5.	Iowa	5% for coal only
6.	Louisiana	4% meat and meat products 4% catfish 10% milk & dairy products 10% steel rolled in Louisiana 7% all other products
7.	Montana	5% for residents * 3% for non-residents* *offering in-state goods, supplies, equipment and materials
8.	New Mexico	5%
9.	New York	3% for purchase of food only
10.	Oklahoma	5%
11.	Virginia	4% for coal only
12.	Washington	5% (fuels mined or produced in the state only)
13.	Wyoming	5%

- B.** The Reciprocal Limitations Act requires the Commonwealth to give preference to those bidders offering printing performed in Pennsylvania as against those bidders offering printing performed in any state that gives or requires a preference to printing performed in that state. The amount of the preference shall be equal to the amount of the preference applied by the other state for that particular category of printing.

The following is a list of states which have been found by the Department of General Services to have applied a preference for in-state printing and the amount of the preference:

	<b>STATE</b>	<b>PREFERENCE</b>
1.	Hawaii	15%
2.	Idaho	10%
3.	Louisiana	3%
4.	Montana	8%
5.	New Mexico	5%
6.	Wyoming	10%

- C.** The Reciprocal Limitations Act, also requires the Commonwealth to give resident bidders a preference against a nonresident bidder from any state that gives or requires a preference to bidders from that state or exclude bidders from states that exclude nonresident bidders. The amount of the preference shall be equal to the amount of the preference applied by the state of the nonresident bidder. The following is a list of the states which have been found by the Department of General Services to have applied a preference for in-state bidders and the amount of the preference:

<b>STATE</b>	<b>PREFERENCE</b>
1. Alaska	5% (supplies only)
2. Arizona	5% (construction materials from Arizona resident dealers only)
3. California	5% (for supply contracts only in excess of \$100,000.00)
4. Connecticut	10% (for supplies only)
5. Montana	3%
6. New Mexico	5% (for supplies only)
7. South Carolina	2% (under \$2,500,000.00) 1% (over \$2,500,000.00) This preference does not apply to construction contracts nor where the price of a single unit exceeds \$10,000.
8. West Virginia	2.5% (for the construction, repair or improvement of any buildings)
9. Wyoming	5%

<b>STATE</b>	<b>PROHIBITION</b>
1. New Jersey	For supply procurements or construction projects restricted to Department of General Services Certified Small Businesses, New Jersey bidders shall be excluded from award even if they themselves are Department of General Services Certified Small Businesses.

D. The Reciprocal Limitations Act also requires the Commonwealth not to specify, use or purchase supplies which are produced, manufactured, mined or grown in any state that prohibits the specification for, use, or purchase of such items in or on its public buildings or other works, when such items are not produced, manufactured, mined or grown in such state. The following is a list of the states which have been found by the Department of General Services to have prohibited the use of out-of-state supplies:

<b>STATE</b>	<b>PROHIBITION</b>
1. Alabama	Only for printing and binding involving "messages of the Governor to the Legislature", all bills, documents and reports ordered by and for the use of the Legislature or either house thereof while in session; all blanks, circulars, notices and forms used in the office of or ordered by the Governor, or by any state official, board, commission, bureau or department, or by the clerks of the supreme court . . ./and other appellate courts/; and all blanks and forms ordered by and for the use of the Senate and Clerk or the House of Representatives, and binding the original records and opinions of the Supreme Court . . . /and other appellate courts/
2. Georgia	Forest products only
3. Indiana	Coal
4. Michigan	Printing
5. New Mexico	Construction
6. Ohio	Only for House and Senate bills, general and local laws, and joint resolutions; the journals and bulletins of the Senate and house of Representatives and reports, communications, and other documents which form part of the journals; reports, communications, and other documents ordered by the General Assembly, or either House, or by the executive department or elective state officers; blanks, circulars, and other work for the use of the executive departments, and elective state officers; and opinions of the Attorney General.
7. Rhode Island	Only for food for state institutions.

\*If the bid discloses that the bidder is offering to supply one of the above-listed products that is manufactured, mined, or grown in the listed state, it shall be rejected. Contractors are prohibited from supplying these items from these states.

## II. CALCULATION OF PREFERENCE

In calculating the preference, the amount of a bid submitted by a Pennsylvania bidder shall be reduced by the percentage preference which would be given to a nonresident bidder by its state of residency (as found by the Department of General Services in Paragraph C<sub>above</sub>). Similarly, the amount of a bid offering Pennsylvania goods, supplies, equipment or materials shall be reduced by the percentage preference which would be given to another bidder by the state where the goods, supplies, equipment or materials are produced, manufactured, mined or grown (as found by the Department of General Services in Paragraphs A and B above).

THIS FORM MUST BE COMPLETED AND RETURNED WITH THE BID

**III. STATE OF MANUFACTURE**

All bidders must complete the following chart by listing the name of the manufacturer and the state (or foreign country) of manufacture for each item. If the item is domestically produced, the bidder must indicate the state in the United States where the item will be manufactured. **This chart must be completed and submitted with the bid or no later than two (2) business days after notification from the Issuing Office to furnish the information. Failure to complete this chart and provide the required information prior to the expiration of the second business day after notification shall result in the rejection of the bid.**

ITEM NUMBER	NAME OF MANUFACTURER	STATE (OR FOREIGN COUNTRY) OF MANUFACTURE

**IV. BIDDER'S RESIDENCY**

**A.** In determining whether the bidder is a nonresident bidder from a state that gives or requires a preference to bidders from that state, the address given on the first page of this invitation to bid shall be used by the Commonwealth. If that address is incorrect, or if no address is given, the correct address should be provided in the space below:

Correct Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- B.** In order to claim the preference provided under Section I.B., Pennsylvania resident bidders must complete the following or have such information on file with the Issuing Office:
- 1.** Address of bidder's bona fide establishment in Pennsylvania at which it was transacting business on the date when bids for this contract/requisition were first solicited: \_\_\_\_\_
  - 2. a.** If the bidder is a corporation:
    - (1)** The corporation  is or  is not incorporated under the laws of the Commonwealth of Pennsylvania.
      - (a)** If the bidder is incorporated under the laws of the Commonwealth of Pennsylvania, provide date of incorporation: \_\_\_\_\_
      - (b)** If the bidder is not incorporated under the laws of the Commonwealth of Pennsylvania, it must have a certificate of authority to do business in the Commonwealth of Pennsylvania from the Pennsylvania Department of State as required by the Pennsylvania Business Corporation Law (15 P.S. §2001). Provide date of issuance of certificate of authority: \_\_\_\_\_
    - (2)** The corporation  is or  is not conducting business in Pennsylvania under an assumed or fictitious name. If the bidder is conducting business under an assumed or fictitious name, it must register the fictitious name with the Secretary of the Commonwealth and the office of the prothonotary of the county wherein the registered office of such corporation is located as required by the Fictitious Corporate Name Act, as amended 15 P.S. §51 et seq. Corporate bidders conducting business under an assumed or fictitious name must provide date of registry of the assumed or fictitious name: \_\_\_\_\_
  - b.** If the bidder is a partnership:
    - (1)** The partnership  is or  is not conducting business in Pennsylvania under an assumed or fictitious name. If the bidder is conducting business under an assumed or fictitious name, it must file with the Secretary of the Commonwealth and the office of the prothonotary the county wherein the principal place of business is located as required by the Fictitious Name Act of May 24, 1945, P.L. 967, as amended 54 P.S. §28.1. Partnerships conducting business under an assumed or fictitious name must provide the date of filing of the assumed or fictitious name with the Secretary of the Commonwealth: \_\_\_\_\_
    - (2)** The partnership  is or  is not a limited partnership formed under the laws of any jurisdiction other than the Commonwealth of Pennsylvania. If the bidder is an Out-of-state limited partnership, it must register with the Pennsylvania Department of State as required by the Act of July 10, 1981, P.L. 237, as amended, 59 Pa. C.S.A. §503. Out-of-state limited partnerships must provide the date of registry with the Pennsylvania Department of State: \_\_\_\_\_
  - c.** If the bidder is an individual:

He or she  is or  is not conducting business under an assumed or fictitious name. If the bidder is conducting business under an assumed or fictitious name, he or she must file with the Secretary of the Commonwealth and the office of the prothonotary in the county wherein the principal place of business is located as required by the Fictitious Name Act of May 24, 1945, P.L. 967, as amended, 54 P.S. §28.1. Individuals conducting business under an assumed or fictitious name must provide the date of filing of the assumed or fictitious name with the Secretary of the Commonwealth: \_\_\_\_\_

## COSTARS PROGRAM ELECTION TO PARTICIPATE

**If awarded a Contract, our firm agrees to sell the awarded items/services at the same prices and/or discounts, and in accordance with the contractual terms and conditions, to registered COSTARS Members who elect to participate in the contract. Our firm also agrees to pay the applicable Administrative Fee (\$1500 or \$500 for a Department of General Services Self-Certified Small Business) at the beginning of each contract year and upon each contract renewal date.**

**If you are a Department of General Services Self-Certified Small Business, you must submit a copy of your active Small Business Procurement Initiative (SBPI) certificate with your bid response.**

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Corporate or Legal Entity Name

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Signature/Date

---

Printed Name/Title

**Dedicated Contacts**

	<b>Contact Name</b>	<b>Contact Email</b>	<b>Contact Phone</b>
Account Manager:			
Service Manager:			
Service Desk number:			
OEM contact:			



## **WORKER PROTECTION AND INVESTMENT CERTIFICATION FORM**

A. Pursuant to Executive Order 2021-06, *Worker Protection and Investment* (October 21, 2021), the Commonwealth is responsible for ensuring that every worker in Pennsylvania has a safe and healthy work environment and the protections afforded them through labor laws. To that end, contractors and grantees of the Commonwealth must certify that they are in compliance with Pennsylvania's Unemployment Compensation Law, Workers' Compensation Law, and all applicable Pennsylvania state labor and workforce safety laws including, but not limited to:

1. Construction Workplace Misclassification Act
2. Employment of Minors Child Labor Act
3. Minimum Wage Act
4. Prevailing Wage Act
5. Equal Pay Law
6. Employer to Pay Employment Medical Examination Fee Act
7. Seasonal Farm Labor Act
8. Wage Payment and Collection Law
9. Industrial Homework Law
10. Construction Industry Employee Verification Act
11. Act 102: Prohibition on Excessive Overtime in Healthcare
12. Apprenticeship and Training Act
13. Inspection of Employment Records Law

B. Pennsylvania law establishes penalties for providing false certifications, including contract termination; and three-year ineligibility to bid on contracts under 62 Pa. C.S. § 531 (Debarment or suspension).

### **CERTIFICATION**

I, the official named below, certify I am duly authorized to execute this certification on behalf of the contractor/grantee identified below, and certify that the contractor/grantee identified below is compliant with applicable Pennsylvania state labor and workplace safety laws, including, but not limited to, those listed in Paragraph A, above. I understand that I must report any change in the contractor/grantee's compliance status to the Purchasing Agency immediately. I further confirm and understand that this Certification is subject to the provisions and penalties of 18 Pa. C.S. § 4904 (Unsworn falsification to authorities).

<i>Signature</i>	<i>Date</i>
<i>Name (Printed)</i>	
<i>Title of Certifying Official (Printed)</i>	
<i>Contractor/Grantee Name (Printed)</i>	



# Statement of Work

for

Commonwealth of PA – (Agency)

PO Number: \_\_\_\_\_

AGENCY CONTACT:  
AGENCY ADDRESS:

PHONE:  
FAX:  
E-MAIL:

## A. Introduction

This Statement of Work ("SOW") is made ("Effective Date"), by and between the Commonwealth of PA – ("Agency"), with its principal office located at ("Address") (hereinafter referred to as "Customer") and Supplier, Inc, a corporation organized under the laws of the Provider's State, with its principal place of business at Insert Address (hereinafter referred to as "insert Company name"). Supplier name and Customer may also be referred individually as "Party" or collectively as "Parties."

Agency name is responsible for promptly obtaining all required consents necessary for the Supplier to provide the services described in this Statement of Work. A required consent means any consent or approval required to give Supplier name software, firmware and other products to enable us and our subcontractors to perform the services set forth in this Statement of Work without infringing on the ownership or license rights (including patent and copyright) of the providers or owners of such products.

The Supplier will be relieved of all liability related to the failure of the Agency to possess all required consents necessary for the Supplier to provide the services described in this Statement of Work.

Any terms and conditions not set forth in this SOW are governed by the terms and conditions of the Pennsylvania Insert contract # and contract name.

## B. Project Overview and Tasks

Supplier name will perform the following tasks (the "Project"):

Supplier to insert exact description of work to be performed

Agency Requirements & Room Preparation:

Any requirements for the agency must be inserted here

## C. Time Estimates / Delivery Schedule

The actual Project start date will depend on following:

(below are examples only, ensure dates are provided)

- 1.) Scheduled availability of a qualified systems engineer. 5/10/06
- 2.) Receipt of equipment. 5/20/06
- 3.) Completion necessary cabling, ISP connection, etc. by other vendors if applicable. 5/20/06
- 4.) Receipt of signed SOW from Customer prior to proposed start date. 5/5/06

## D. Project Cost

Project Cost is: \$

All work associated with the Project is performed during Mondays through Fridays, between the hours of 8am and 5pm local time, excluding holidays.

(Ensure an exact costing breakdown is provided)

**E. SOW Acceptance**

This SOW is acceptable. I (We) hereby acknowledge and confirm that I (We) have read this SOW and accept and approve the scope of work and related terms. I (We) understand that if additional work is required that by its nature was not known or determined at the time this SOW was executed, a written change order describing the additional work and any related expenses is required.

Please sign and FAX to **Supplier** at **"fax number"**

"Supplier"

Commonwealth of PA – **"Agency"**

Approved (date): \_\_\_\_\_

\_\_\_\_\_

Authorized **Agency** Name

\_\_\_\_\_

\_\_\_\_\_

Authorized **Agency** Signature

\_\_\_\_\_

\_\_\_\_\_

Title

**F. Project Completed and Accepted**

The Project was completed in accordance with this SOW. I (We) hereby accept as completed all work indicated in this SOW. I (We) acknowledge at there is nothing that should prevent prompt payment in accordance with the terms indicated above.

Approved (date): \_\_\_\_\_

\_\_\_\_\_

Authorized **Agency** Name

\_\_\_\_\_

\_\_\_\_\_

Authorized **Agency** Signature

\_\_\_\_\_

\_\_\_\_\_

Title

PLEASE ATTACH HARD COPY OF PURCHASE ORDER  
REFERENCING THIS SOW



## FORMAL COMPLIANCE TESTING FOR COMMUNICATIONS INTEROPERABILITY

To successfully respond to both day-to-day and large-scale incidents, first responders must be able to communicate with each other regardless of their agency's choice of radio equipment manufacturer. However, communications equipment manufacturers often use different approaches to implement systems and that can result in incompatible products. The U.S. Department of Homeland Security Science and Technology Directorate (S&T) established the P25 Compliance Assessment Program (P25 CAP) to help address this challenge.

Project 25 (P25) is a suite of standards that enables interoperability among digital two-way land mobile radio communications products developed for public safety professionals. P25 CAP is a formal, independent process for ensuring communications equipment declared by the supplier actually is P25-compliant and tested against the standards with publicly published results. Through this open-standards testing process, P25 CAP provides responders with confidence that the communications equipment they use will be interoperable, regardless of manufacturer. Specifically, this voluntary program provides public safety agencies with evidence that the communications equipment they purchase is tested against and complies with the P25 standards for performance, conformance, and interoperability. The varying P25 labels can be confusing, and S&T's [guide](#) on P25 terminology explains the program and how the terms apply.

Compliance assessment testing concludes with the submission of a Summary Test Report (STR), made available through [P25CAP@hq.dhs.gov](mailto:P25CAP@hq.dhs.gov), and an official Supplier's Declaration of Compliance (SDOC), which is published on P25 CAP's [Approved \(Grant-Eligible\) Equipment page](#). It is this list, and only this list, which is referenced by several federal grant programs, including the Federal Emergency Management Agency, as equipment eligible to be purchased.

## INFORMING PROCUREMENT DECISIONS

By arming first responders with the necessary information they need to make informed procurement decisions, P25 CAP advances interoperability. In addition, P25 CAP helps to ensure federal grant funds are used to purchase interoperable

solutions by encouraging the purchase of P25 CAP-compliant equipment in federal grant guidance. Ultimately, this promotes interoperability and reduces waste and poor investments in untested equipment. S&T's program policies are communicated through Compliance Assessment Bulletins (CABs).

## P25 CAP PARTNERSHIPS

S&T selected three internationally recognized laboratory accreditation bodies to review and accredit participating P25 CAP laboratories. Once accredited, the laboratory can test land mobile radio equipment for P25 CAP compliance.

The Association of Public-Safety Communications Officials supports P25 CAP's efforts as a primary partner, lending technical expertise to develop processes that enhance compliance, as well as confirming the accuracy of all manufacturer STRs and SDOCs submitted. The SAFECOM CAP Task Force (CAPTF) provides the views of active local, state, tribal, territorial and federal government users of portable, handheld, mobile vehicle-mounted radios and infrastructure, including repeaters, consoles, and gateways.

## ISSI/CSSI INTEROPERABILITY AND CONFORMANCE TESTING

The program's Approved (Grant-Eligible) Equipment page currently lists equipment that successfully passed P25 CAP's baseline Common Air Interface (CAI) testing requirements. P25 CAP has recently expanded the program beyond CAI to include Inter-Radio Frequency Sub-System Interface and Console Sub-System Interface (ISSI/CSSI) Interoperability and Conformance testing requirements.

After making them available for a public comment period, S&T publishes CABs that detail testing requirements. For example, 2019 CABs enable accreditation bodies to accredit laboratories for ISSI/CSSI Interoperability and Conformance testing. Laboratories are currently accredited and available to test manufacturers' ISSI and CSSI equipment to P25 CAP's standards. A list of all P25 CAP accredited laboratories and their scopes of testing recognition are available on the [Recognized Labs](#) page.

All CABs, supporting test case documents, and program updates on testing are available at [P25 CAP's webpage](#).





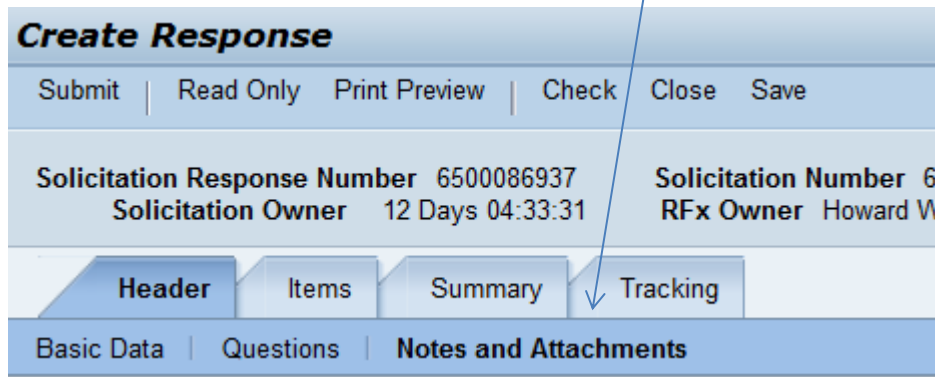




# ATTACHING DOCUMENTS TO A BID AT [WWW.PASUPPLIERPORTAL.STATE.PA.US](http://WWW.PASUPPLIERPORTAL.STATE.PA.US)

After you have begun your response to a solicitation, answered the mandatory questions under the Header Tab and entered pricing under the Items tab (if applicable) and need to upload documents to your response, follow this step by step guide:

1. Under the Header Tab, Select Notes and Attachments:



2. Scroll down to see all the documents the Purchasing Agent/Commodity Specialist attached to the solicitation, **please review all documents.**

Example:

▼ Attachments									
Add Attachment Edit Description Versioning Delete									Filter Setting
Category	Description	File Name	Version	Processor	Checked Out	Type	Size (KB)	Changed by	Changed on
Standard Attachment	<a href="#">Reciprocal Limitations</a>	Rec Limbs.doc	1		<input type="checkbox"/>	doc	72	P00046012	02/24/2015
Legal Document	<a href="#">Terms &amp; Conditions</a>	Document	1		<input type="checkbox"/>	pdf	83	SRMRFC	02/24/2015

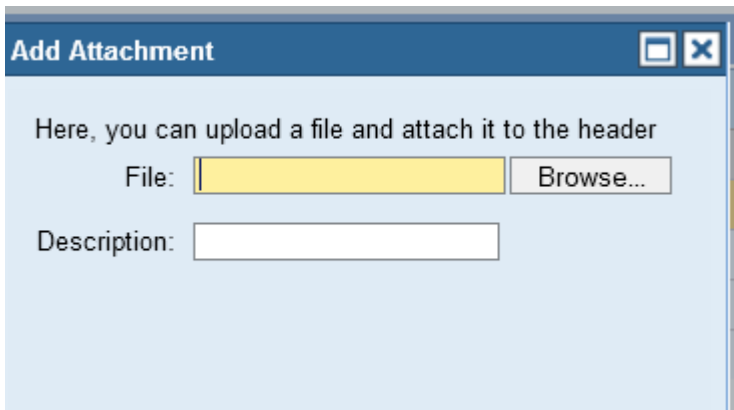
3. Determine which documents must be completed and attached to your response.
4. After completing documents that must be included with your response, save them to your computer so you can easily find them later.
5. When responding to the solicitation and ready to submit your documents, go to Header Tab, Notes and Attachments and select ADD ATTACHMENT:

▼ Attachments									
Add Attachment <a href="#">Edit Description</a> Versioning Delete									Filter Setting
Category	Description	File Name	Version	Processor	Checked Out	Type	Size (KB)	Changed by	Changed on
Standard Attachment	<a href="#">Reciprocal Limitations</a>	Rec Limbs.doc	1		<input type="checkbox"/>	doc	72	P00046012	02/24/2015
Legal Document	<a href="#">Terms &amp; Conditions</a>	Document	1		<input type="checkbox"/>	pdf	83	SRMRFC	02/24/2015

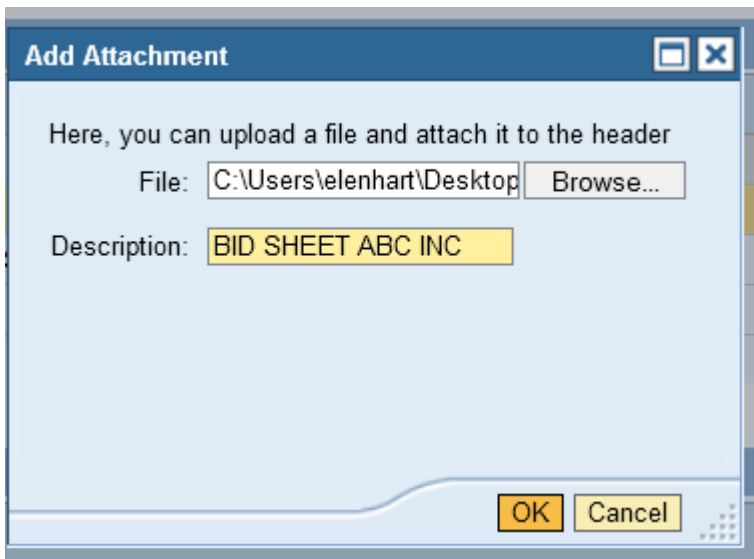


If Add Attachment is not available, make sure you are in Edit Mode and not Display mode.

6. This pop up window will appear:



7. Using the Browse field, find your saved document.  
Type in your description of the document and select OK.



8. When successfully attached, your document will appear as an attachment:

▼ Attachments	
Add Attachment Edit Description Versioning ▲ Delete	
Category	Description
Standard Attachment	<a href="#">BID SHEET ABC INC</a>
Standard Attachment	<a href="#">Reciprocal Limitations</a>
Legal Document	<a href="#">Terms &amp; Conditions</a>

9. Note: system will only allow one document to be attached at a time, repeat as necessary.

Under the Summary Tab, attachment(s) will also be listed.

<b>Create Response</b>			
Submit	Read Only	Print Preview	Check Close Save
<b>Solicitation Response Number</b> 6500086937	<b>Solicitation Number</b> 6100033022	<b>Status</b> In Process	<b>Submission Deadline</b> 03/1
<b>Solicitation Owner</b> 12 Days 04:22:39	<b>RFX Owner</b> Howard Walk	<b>Response Version Number</b>	<b>0.00 USD</b> <b>Versi</b>
Header	Items	<b>Summary</b>	Tracking
RFX Response Number: 6500086937			
Items with Response: 2 out of 2 items responded to			
Questions: 2 out of 2 questions answered ( 2 out of 2 mandatory)			
Notes: 3 notes added			
Attachments: 1 attachments added			
Conditions: No Conditions Added			
Total RFX Response Value: 0.00 USD			

10. When response is complete, select CHECK and SUBMIT to transmit your response (bid) to the purchasing agent.
11. If assistance is required, contact the help desk at 877-435-7363 option 2.

## General Conditions and Instructions to Bidders

### 1. Submission of Bids

- a. Bids are requested for the item(s) described in the Invitation For Bids and all the documents referenced in the form (collectively called the IFB). Bidders must complete and properly sign, in ink, the Invitation For Bids form. Bid prices must be typewritten or in ink. Bids that are priced or signed in pencil will be rejected.
- b. The completed and signed Invitation For Bids form, as well as the other documents required by the IFB (collectively referred to as the "Bid"), shall be enclosed and sealed in an envelope which is clearly marked "Bid" and includes the assigned Bid Invitation Number (Shown on the Invitation For Bids form) and the Bidder's vendor number as well as the bid opening date and time. It is the responsibility of each bidder to ensure that its Bid is received at the return address shown on the Invitation For Bids form ("Bid Opening Room") prior to the date and time set for the opening of bids ("Bid Opening Time"), regardless of method of delivery used. No Bid shall be considered if it arrives at the Bid Opening Room after the Bid Opening Time, regardless of reason for the late arrival. In the event that, due to inclement weather, natural disaster, or other cause, the Commonwealth offices are officially closed on the date scheduled for Bid opening, the Bid Opening date shall be automatically postponed until the next Commonwealth business day, unless the Bidders are otherwise notified by the Issuing Office. The Bid Opening time shall remain the same.

All envelopes containing Bids should be clearly marked "Bid" and should include the address of the Bid Opening Room (not the agency central processing location), the assigned Collective Number and the Bid Opening Time. Bids that are timely received in the Bid Opening Room prior to the Bid Opening Time shall be opened publicly in the presence of one or more witnesses at the time and place designated in this IFB for the Bid opening.

- c. Bids must be firm. If a Bid is submitted with conditions or exceptions or not in conformance with the terms and conditions referenced in the IFB Form, it shall be rejected. The Bid shall also be rejected if the items offered by the Bidder are not in conformance with the specifications as determined by the Commonwealth.
- d. The Bidder, intending to be legally bound hereby, offers and agrees, if this Bid is accepted, to provide the awarded items at the price(s) set forth in this Bid at the time(s) and place(s) specified.

### 2. Questions

All questions regarding the IFB must be submitted in writing to the email address of the Issuing Officer provided in the solicitation. While there is no set timeline for the submittal of questions, questions received within 48 hours prior to the bid due date and time will be answered at the discretion of the Commonwealth. All questions received will be answered, in writing, and such responses shall be posted to eMarketplace as an addendum to the IFB. The Issuing Officer shall not be bound by any verbal information nor shall it be bound by any written information that is not either contained within the IFB or formally issued as an addendum by the Issuing Office. The Issuing Office does not consider questions to be a protest of the specifications or of the solicitation.

### **3. Bidder's Representation and Authorization**

- a. Each Bidder, by making its Bid, understands, represents, and acknowledges that:
- 1) The Bidder has read and understands the terms and conditions of the IFB and the Bid is made in accordance with those terms and conditions.
  - 2) The item(s) offered in the Bid will be in conformance with the specifications referenced on the IFB without exceptions.
  - 3) The price(s) and amount of the Bid have been arrived at independently and without consultation, communication, or agreement with any other contractor, bidder, or potential bidder.
  - 4) Neither the price(s) nor the amount of the bid, and neither the approximate price(s) nor the approximate amount of the Bid, have been disclosed to any other firm or person who is a bidder or potential bidder, and they will not be disclosed before Bid opening.
  - 5) No attempt has been made or will be made to induce any firm or person to refrain from bidding on the contract, or to submit a bid higher than the Bid, or to submit any intentionally high or noncompetitive bid or other form of complementary bid.
  - 6) The Bid is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or other noncompetitive bid.
  - 7) To the best of the knowledge of the person signing the Bid for the Bidder, the Bidder, its affiliates, subsidiaries, officers, directors, and employees are not currently under investigation by any governmental agency and have not in the last four years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to bidding on any public contract, except as disclosed by the Bidder in its Bid.
  - 8) Neither the bidder, nor any subcontractors, nor any suppliers are under suspension or debarment by the Commonwealth, or any governmental entity, instrumentality, or authority, and if the bidder cannot so certify, then it shall submit, along with the Bid, a written explanation of why such certification cannot be made.
  - 9) To the best of the knowledge of the person signing the Bid for the Bidder, and except as otherwise disclosed by the Bidder in its Bid, the Bidder has no outstanding, delinquent obligations to the Commonwealth including, but not limited to, any state tax liability not being contested on appeal or other obligation of the Bidder that is owed to the Commonwealth.
  - 10) The Bidder has not, under separate contract with the Department of General Services, made any recommendations to the Department of General Services concerning: the IFB, the need for the item(s) described in the IFB, or the specifications for the item(s) described in the IFB.



- 11) All information provided by, and representations made by, the Bidder in the Bid are material and important and will be relied upon by the Commonwealth in awarding the contract. Any misstatement shall be treated as fraudulent concealment from the Commonwealth of the true facts relating to the submission of the Bid. A misrepresentation shall be punishable under Section 4904 of Title 18 P.C.S.A.
- b. Each Bidder, by making its Bid, authorizes all Commonwealth agencies to release to the Commonwealth information related to liabilities to the Commonwealth including, but not limited to taxes, unemployment compensation, and workers' compensation liabilities.
- c. If an award is made to the Bidder, the Bidder agrees that it intends to be legally bound to the contract which is formed between the Commonwealth and the Bidder.

#### **4. Prices**

The bid submitted by the successful Bidder will be incorporated into any resulting Contract and the Bidder will be required to provide the awarded item(s) at the prices quoted in its Bid.

#### **5. Approved Equal**

Whenever an item is defined in this IFB by trade name and catalogue number of a manufacturer or vendor, the term 'or approved equal,' if not inserted therewith shall be implied. Any reference to a particular manufacturer's product either by trade name or by limited description is solely for the purpose of more clearly indicating the minimum standard of quality desired, except where a 'no substitute' is requested. When a 'no substitute' is requested, the Issuing Office will consider Bids for the referenced product only. The term 'or approved equal' is defined as meaning any other make which, in the sole opinion of the Issuing Office, is of such character, quality, and performance equivalence as to meet the standard of quality of products specified for which it is to be used equally as well as that specified. A Bidder quoting on a product other than the referenced product shall: a) furnish complete identification in its Bid of the product it is offering by trade name, brand and/or model number; b) furnish descriptive literature and data with respect to the substitute product it proposes to furnish; and c) indicate any known specification deviations from the referenced product.

#### **6. Alternates**

A Bidder who wants to offer an alternate must notify the Issuing Office in writing, at least five (5) days prior to the scheduled Bid opening, that the Bidder intends to offer an alternate in its Bid. An "alternate" is a product that deviates from the requirements of the specifications in its composition, qualities, performance, size dimension, etc. The written notification from the Bidder must include a complete description of the alternate and must identify the product's deviations from the specifications. Upon receipt of the notification, the Issuing Office will determine whether the alternate is acceptable. If the Issuing Office, in its discretion, determines that the alternate is acceptable, the Issuing Office will issue a change notice to the invitation for bids that revises the specifications. If no change notice is issued revising the specification, a Bid offering the alternate will not be considered for award. If an item or items in the IFB are designated "no substitute," this provision does not apply and no alternate may be proposed by a bidder nor will any alternate be considered by the Issuing Office.

#### **7. New Equipment**

Unless otherwise specified in this invitation for bids, all products offered by Bidders must be new or remanufactured. A 'new' product is one that will be used first by the Commonwealth after it is manufactured or produced. A 'remanufactured' product is one which: 1) has been rebuilt, using new or used parts, to a condition which meets the original manufacturer's most recent specifications for the item; 2) does not, in the opinion of the Issuing Office, differ in appearance from a new item; and 3) has the same warranty as a new item. Unless otherwise specified in this invitation for bids, used or reconditioned products are not acceptable. This clause shall not be construed to prohibit Bidders from offering products with recycled content, provided the product is new or remanufactured.

## **8. Modification Or Withdrawal Of Bid (March, 2007)**

- a. Bid Modification Prior to Bid Opening. Bids may be modified only by written notice or in person prior to the exact hour and date specified for Bid opening.
  - 1) If a Bidder intends to modify its Bid by written notice, the notice must specifically identify the Bid to be modified and must be signed by the Bidder. The Bidder must include evidence of authorization for the individual who signed the modification to modify the Bid on behalf of the Bidder. The Bid modification must be received in a sealed envelope. The sealed envelope must identify the assigned Collective Number and the Bid Opening Time, and should state that enclosed in the envelope is a Bid modification
  - 2) If a Bidder intends to modify its Bid in person, the individual who will modify the Bid must arrive in the Bid Opening Room prior to the Bid Opening Time, show a picture identification and provide evidence of his/her authorization to modify the Bid on behalf of the Bidder. If a Bidder intends to modify its Bid in person, the Bidder may do so only in the presence of an agency employee. (The agency employee will observe the actions taken by the individual to modify the Bid, but will not read the Bid or the modification).
- b. Bid Withdrawal Prior to Bid Opening. Bids may be withdrawn only by written notice or in person prior to the exact hour and date specified for Bid opening.
  - 1) If a Bidder intends to withdraw its Bid by written notice, the notice shall specifically identify the Bid to be withdrawn and shall be signed by the Bidder. The Bidder must include evidence of authorization for the individual who signed the bid withdrawal to withdraw the bid on behalf of the Bidder. Except as provided in Subparagraph c, below, bid withdrawals received after the exact hour and date specified for the receipt of Bids shall not be accepted.
  - 2) If a Bidder intends to withdraw its Bid in person, the individual who will withdraw the Bid must arrive in the Bid Opening Room prior to the Bid Opening Time, show a picture identification and provide evidence of his/her authorization to withdraw the Bid on behalf of the Bidder.
- c. Bid Withdrawal After Bid Opening. Bidders are permitted to withdraw erroneous Bids after Bid opening only if the following conditions are met:
  - 1) The Bidder submits a written request for withdrawal.



- 2) The Bidder presents credible evidence with the request that the reason for the lower Bid price was a clerical mistake as opposed to a judgment mistake and was actually due to an unintentional arithmetical error or an unintentional omission of a substantial quantity of work, labor, material, or services made directly in the compilation of the Bid.
  - 3) The request for relief and supporting evidence must be received by the Issuing Office within three (3) business days after Bid opening, but before award of the contract.
  - 4) The Issuing Office shall not permit a Bid withdrawal if the Bid withdrawal would result in the award of the contract on another Bid of the same Bidder, its partner, or a corporation or business venture owned by or in which the bidder has a substantial interest.
  - 5) If a Bidder is permitted to withdraw its Bid, the Bidder cannot supply any material or labor or perform any subcontract or other work agreement for the awarded contractor, without the written approval of the Issuing Office.
- d. Firm Bid. Except as provided above, a Bid may not be modified, withdrawn, or cancelled by any Bidder for a period of sixty (60) days following the time and date designated for Bid opening, unless otherwise specified by the Bidder in its Bid. If the lowest responsible Bidder, as determined by the Issuing Office, withdraws its Bid prior to the expiration of the award period or fails to comply with the requirements set forth in the IFB including but not limited to any requirement to submit performance or payment bonds or insurance certificates within the required time period, the Bidder shall be liable to the Commonwealth for all costs and damages associated with the re-award or re-bid including the difference between the Bidder's price and the actual cost that the Commonwealth pays for the awarded items.
- e. Clarification and Additional Information. After the receipt of Bids, the Issuing Office shall have the right to contact Bidders for the purpose of seeking:
- 1) Clarification of the Bid which confirms the Issuing Office's understanding of statements or information in the Bid or;
  - 2) Additional information on the items offered; provided the IFB does not require the rejection of the Bid for failure to include such information.

## 9. Rejection of Bids

The Issuing Office reserves the right to reject any and all Bids, to waive technical defects or any informality in Bids, and to accept or reject any part of any Bid if the best interests of the Commonwealth are thereby served.

## 10. Awards

Unless all Bids are rejected, and except as otherwise provided by law, award will be made through the issuance of a contract/purchase order in accordance with the method of award. Unless otherwise specified by the Issuing Office in the IFB form the Commonwealth reserves the right to award by item or on a total Bid basis, whichever is deemed more advantageous to the Commonwealth. In cases of discrepancies in prices, the unit price will be binding unless the unit price is obviously in error and the extended price is obviously correct, in which case the erroneous unit price will be corrected. As a

condition for receipt of award of a contract/purchase order, the Bidder must be registered in the Commonwealth of Pennsylvania's Vendor Master file. In order to register, bidders must visit the Pa Supplier Portal at <https://www.pasupplierportal.state.pa.us/> or call the Customer Support Center at 877-435-7363 or 717-346-2676.

## **11. Tie Bids**

All tie bids will be broken by the Issuing Office.

## **12. Prompt Payment Discounts**

Prompt payment discounts will not be considered in making an award. If prompt payment discounts are offered by any Bidder, however, the Issuing Office will take advantage of such offer.

## **13. Bid Protest Procedure**

a. **Who May File the Protest.** Any Bidder or prospective bidder who is aggrieved in connection with the IFB or award of the contract solicitation or award of a contract may file a protest. Protests relating to cancellation of invitations for bids and protests relating to the rejection of all bids are not permitted. A Bidder is a person that submits a bid in response to the IFB. A prospective bidder is a person that has not submitted a bid in response to the IFB.

### **b. Time for Filing.**

- 1) If a protest is submitted by a prospective bidder, the protest must be filed before bid opening time or proposal receipt date.
- 2) If a protest is filed by a Bidder, the protest must be filed within seven days after the protesting Bidder knew or should have known of the facts giving rise to the protest EXCEPT THAT IN NO EVENT MAY A PROTEST BE FILED LATER THAN SEVEN (7) DAYS AFTER THE DATE THE CONTRACT OR PURCHASE ORDER WAS AWARDED. Date of filing is the date of receipt of protest.
- 3) Untimely filed protests shall be disregarded.

### **c. Form of Protest.**

- 1) A protest must be in writing and filed with the agency head (or designee) of the purchasing agency.
- 2) A protest must state all grounds upon which the protesting party asserts that the solicitation or award was improper. Issues not raised by the protesting party in the protest are deemed waived and may not be raised on appeal.
- 3) The protesting party may submit with the protest any documents or information deemed relevant.

d. **Notice of Protest.** If award has been made, the agency head (or designee) shall notify the successful Bidder or contractor of the protest. If the protest is received before award and substantial issues are raised by the protest, all Bidders who appear to have a substantial and





reasonable prospect of winning the award shall be notified and may file their agreement/disagreement with the purchasing agency within three (3) days after receipt of notice of the protest.

- e. **Stay of Procurement.** The head of the purchasing agency (or designee) shall immediately decide, upon receipt of the protest, whether or not the solicitation or award shall be stayed, or if the protest is timely received after the award, whether the performance of the contract should be suspended. The Issuing Office shall not proceed further with the IFB or with the award of the contract, and shall suspend performance under the contract if awarded, unless the agency head of the purchasing agency makes a written determination that the protest is clearly without merit or that award of the contract/purchase order without delay is necessary to protect the substantial interests of the Commonwealth.
  
- f. **Procedures.**
  - 1) **Contracting Officer Response.** Within fifteen (15) days of the receipt of a protest, the contracting officer may submit a written response to the head of the purchasing agency (or designee). The response may include any documents or information that the contracting officer deems relevant to the protest.
  
  - 2) **Protesting Party Reply.** Within ten (10) days of the date of the contracting officer response, the protesting party may file a written reply.
  
  - 3) **Review.** The head of the purchasing agency (or designee) shall:
    - a) Review the protest and any response or reply.
  
    - b) Request and review any additional documents or information he deems necessary to render a decision.
  
    - c) Give the protesting party and the contracting officer reasonable opportunity to review and address any additional documents or information requested by the agency head.
  
    - d) In his sole discretion, conduct a hearing.
  
    - e) Within sixty (60) days of the receipt of the protest, issue a written determination stating the reasons for the decision.
  
    - f) If additional time is required to investigate the protest, inform the protesting party of the additional time needed to render a determination and obtain the protesting party's consent.
  
  - 4) **"Clearly Without Merit" Determinations.** If the head of the purchasing agency (or designee) determines, upon receipt, that the protest is clearly without merit and does not stay the procurement, the head of the purchasing agency (or designee) shall immediately issue the decision as required by Subparagraph h below.
  
- g. **Settlement.** The Issuing Office has the authority to settle and resolve bid protests.



- h. **Decision.** The head of the purchasing agency (or designee) shall promptly, but in no event later than sixty (60) days from the filing of the protest, issue a written decision. The decision shall:
- 1) State the reasons for the decision.
  - 2) If the protest is denied, inform the protesting party of its right to file an appeal in Commonwealth Court within fifteen (15) days of the mailing date of the decision.
  - 3) If it is determined that the solicitation or award was contrary to law, enter an appropriate order.

The agency head (or designee) shall send a copy of the decision to the protesting party and any other person determined by the agency head (or designee) to be affected by the decision.

**COSTARS PROGRAM CLAUSE**

**COSTARS Purchasers.** Section 1902 of the Commonwealth Procurement Code, 62 Pa.C.S. § 1902 (“Section 1902”), authorizes local public procurement units and state-affiliated entities (together, “COSTARS Members”) to participate in Commonwealth procurement contracts that the Department of General Services (“DGS”) may choose to make available to COSTARS Members. DGS has identified this Contract as one which will be made available for COSTARS Members’ participation.

A. Only those entities registered with DGS are authorized to participate as COSTARS Members in this Contract. A COSTARS Member may be either a local public procurement unit or a state-affiliated entity.

1. A “local public procurement unit” is:

- Any political subdivision (local government unit), such as a municipality, school district, or commission;
- Any public authority (including authorities formed under the Municipality Authorities Act of 1955 or other authorizing legislation, such as the Public Transportation Law or the Aviation Code);
- Any tax-exempt, nonprofit educational institution or organization;
- Any tax-exempt, nonprofit public health institution or organization;
- Any nonprofit fire, rescue, or ambulance company; and
- Any other entity that spends public funds for the procurement of supplies, services, and construction (such as a council of governments, an area government, or an organization that receives public grant funds).

The Department reserves the right to review and determine eligible applicants as local public procurement units on a case-by-case basis.

2. A state-affiliated entity is a Commonwealth authority or other Commonwealth entity that is not a Commonwealth agency. The term includes:

- The Pennsylvania Turnpike Commission;
- The Pennsylvania Housing Finance Agency;
- The Pennsylvania Municipal Retirement System;
- The Pennsylvania Infrastructure Investment Authority;
- The State Public School Building Authority;
- The Pennsylvania Higher Education Facilities Authority, and
- The State System of Higher Education.

The COSTARS Program is not available for use by Executive Agencies and Independent Agencies as defined by the Commonwealth Procurement Code, or any agency or entity using funds appropriated to the Department of General Services through Capital Budget Project Itemization legislation for the procurement of furniture, fixtures, and equipment.

3. A complete list of local public procurement units and state-affiliated entities that have registered with DGS and that are authorized to procure items from the Contract can be found at <http://www.costars.state.pa.us/SearchCOMember.aspx>.

- B. COSTARS Members have the option to purchase from this Contract, from any DGS contract established exclusively for COSTARS Members in accordance with the requirements of Section 1902, from any other cooperative procurement contracts, or from their own procurement contracts established in accordance with the applicable laws governing such procurements. The Contractor understands and acknowledges that there is no guarantee that a COSTARS Member will place an order under this Contract, and that the decision to procure from this Contract is within the sole discretion of each COSTARS Member.
- C. DGS is acting as a facilitator for COSTARS Members who may wish to purchase under this Contract. COSTARS Members that participate in this Contract and issue purchase orders (“POs”) to Contractors are third party beneficiaries who have the right to sue and be sued for breach of this Contract without joining the Commonwealth or DGS as a party. The Commonwealth will not intervene in any action between a Contractor and a COSTARS Member unless substantial interests of the Commonwealth are involved.
- D. COSTARS Members electing to participate in this Contract will order items directly from the Contractor and be responsible for payment directly to the Contractor.
- E. Those Contractors electing to permit COSTARS Members to procure from this Contract shall pay the Required Administrative Fee applicable to the Contractor’s classification:

<b>Contractor Classification</b>	<b>Required Administrative Fee</b>
DGS-verified Small Diverse Business Bidder	\$166
DGS Self-Certified Small Business Bidder	\$500
All Other Bidders	\$1,500

- 1. Each bidder electing to permit COSTARS Members to participate in the Contract must submit the COSTARS Program Election to Participate form with its bid submittal and pay the applicable Administrative Fee upon Contract award in order to sell the awarded items/services to COSTARS Members. If the bidder is a Department of General Services Self-Certified Small Business or Department of General Services-verified Small Diverse Business, a copy of its active Small Business Contracting Program certificate must be included with the bid submittal.
  - 2. At the beginning of each Contract year and upon any Contract renewal, the Contractor shall submit a check for the required amount, payable to “Commonwealth of PA”. The Contractor must pay the Administrative Fee at each contract renewal date to continue to sell the awarded items/services to COSTARS Members.
- F. DGS has registered the COSTARS name and logo (together, the “COSTARS Brand”) as a trademark with the Pennsylvania Department of State. Therefore, the Contractor may use the COSTARS Brand only as permitted under in this Subsection.

1. The Contractor shall pay the Administrative Fee covering its participation in the program, including without limitation any use of the COSTARS Brand, for each year of the Contract period. The fee is payable upon Contract award and prior to the renewal date for each succeeding Contract period.
  2. DGS grants the Contractor a nonexclusive license to use the COSTARS Brand, subject to the following conditions:
    - a. The Contractor agrees not to transfer to any third party, including without limitation any of its subcontractors or suppliers, any privileges it may have to use the COSTARS Brand under this Contract.
    - b. The Contractor agrees not to use the COSTARS Brand to represent or imply any Commonwealth endorsement or approval of its products or services.
    - c. The Contractor is permitted to use the COSTARS Brand in broadcast, or Internet media solely in connection with this Contract and any other Contract with the Commonwealth under which it has agreed to make sales to COSTARS Purchasers. The Contractor may use the COSTARS Brand on business cards, brochures, and other print publications so long as the purpose is to identify the Contractor as a COSTARS vendor, and only so long as the required Contract fee is kept current.
    - d. Should this Contract terminate for any reason, the Contractor agrees promptly to remove the COSTARS Brand from any and all print and electronic media and to refrain from using the COSTARS Brand for any purpose whatsoever from the date of Contract termination forward.
    - e. The Contractor agrees to defend, indemnify, and hold harmless the Commonwealth of Pennsylvania and DGS from and against all claims, demands, liabilities, obligations, costs, and expenses of any nature whatsoever arising out of or based upon the Contractor's use of the COSTARS Brand.
    - f. The Contractor agrees it has no property rights in the use of the COSTARS Brand by virtue of this nonexclusive license. The Contractor expressly waives any claims, including without limitation due process claims that may otherwise be available under the law in the event of any dispute involving these terms of use.
- G. The Contractor shall furnish to the DGS COSTARS Program Office a quarterly electronic Contract sales report detailing the previous quarter's Contract purchasing activity, using the form and in the format prescribed by DGS. The Contractor shall submit its completed quarterly report no later than the fifteenth calendar day of the succeeding Contract quarter.
1. The Contractor shall submit the reports through the web-based COSTARS Suppliers' Gateway of the PA Supplier Portal at <https://pasupplierportal.state.pa.us/irj/portal/anonymous>, Enterprise Applications. If a Contractor does not have access to the Internet, the Contractor shall send the reports, using the form and in the format prescribed by DGS, on compact disc via US Postal

Service to the DGS COSTARS Program Office, Bureau of Procurement, 6<sup>th</sup> Floor Forum Place, 555 Walnut Street, Harrisburg, PA 17101-1914.

2. For each PO received, the Contractor shall include on the report the name and address of each COSTARS-Registered Purchaser that has used the Contract along with the sales date, and dollar volume of sales to the specific Purchaser for the reporting period.
3. DGS may suspend the Contractor's participation in the COSTARS Program for failure to provide the Quarterly Sales Report within the specified time.

H. Additional information regarding the COSTARS Program is available on the DGS COSTARS Website at [www.costars.state.pa.us](http://www.costars.state.pa.us).

1. If the Contractor is aware of any qualified entity not currently registered and wishing to participate in the COSTARS Program, please refer the potential purchaser to the DGS COSTARS Website at [www.costars.state.pa.us](http://www.costars.state.pa.us), where it may register by completing the online registration form and receiving DGS confirmation of its registration. To view a list of currently-registered COSTARS member entities, please visit the COSTARS website.
2. Direct all questions concerning the COSTARS Program to:

Department of General Services  
COSTARS Program  
555 Walnut Street, 6<sup>th</sup> Floor  
Harrisburg, PA 17101  
Telephone: 1-866-768-7827  
E-mail [GS-PACostars@pa.gov](mailto:GS-PACostars@pa.gov)



# REGISTERING AS A SUPPLIER



**The Commonwealth of Pennsylvania  
Department of General Services  
Bureau of Procurement**

**[www.dgs.pa.gov](http://www.dgs.pa.gov)**

# REGISTERING AS A SUPPLIER

If you have never done business with the Commonwealth of Pennsylvania, by following the four steps described in this guide, your company will become registered with us. These four steps are as follows:

## STEP 1 - VENDOR IDENTIFICATION

The screenshot shows the PA Supplier Portal interface. At the top, there is a search bar and links for 'New Session' and 'Log in'. Below the search bar, the user is welcomed as 'PA Suppliers'. The main content area is titled 'Vendor Registration, Commonwealth of Pennsylvania.' and features a progress bar with four steps: 1. Vendor Identification (highlighted), 2. Vendor Details, 3. Submit Registration Form, and 4. Create User ID. Below the progress bar, there are two sections: 'Instructions' and 'Vendor Identification'. The 'Vendor Identification' section contains the following text: 'Employer Identification Number: [input field] OR Social Security Number: [input field]'. A 'Next' button is located below the input fields.

- A. Begin by going to [www.pasupplierportal.state.pa.us](http://www.pasupplierportal.state.pa.us).
- B. Select Supplier Registration from the left sidebar menu.
- C. Enter your Employer Identification Number (EIN) or your Social Security Number (SSN), then select the Next button.



# STEP 2 - VENDOR DETAILS

## Vendor Registration, Commonwealth of Pennsylvania.



### Instructions

Complete the registration form below and select the **Next** button. Please do not use Parentheses to separate the area code within the telephone or fax numbers. Enter entire number as a string of 10 numbers or use dashes to separate the groups of numbers. Important: Fields with a \* indicate that an entry is required.

### Vendor Identification

Employer Identification Number (EIN):  Social Security Number (SSN):

### Address Data

Disregarded Entity:  Yes  No

\* Legal Name:

Name of the Company (if different than Legal Name):

\* Name of Person Creating Registration:

\* Business Type:

This text will appear on the W-9 Form

Exempt payee code (if any):

Exemption from FATCA reporting code (if any):

\* E-Mail Address:

\* Telephone:

Extension:

Fax:

Extension:

Street Number and Name:  If PO Box is used then Street Number and Name cannot be used

Street 2 (apt. or suite no., room no., floor no. etc.):

\* City:

\* County:

\* State:

\* Zip:

\* Country:

If Street Number and Name are used then PO Box cannot be used

PO BOX:

PO Box Country:

### Which Product Categories can you Deliver?

At least one product category must be selected

\* Select the language in which you want to send the questionnaires:

BUILDING & CONSTRUCT  MATERIAL/SERVICES

### Data Privacy Statement

Data Privacy Statement Terms must be accepted before being able to move to the next page

DISCLAIMER: Registering as a Commonwealth SRM vendor does not guarantee that your business will be awarded any contract or purchase order to provide supplies to or perform services for the Commonwealth of Pennsylvania. Further, registering does not guarantee that your business or organization will receive any financial assistance including state or federal grant monies from the Commonwealth of Pennsylvania. Registering as a Commonwealth SRM vendor should not be construed as applying for any necessary license to deliver supplies or perform services in a regulated industry in Pennsylvania. Your business would need to seek such a license from the appropriate Commonwealth Agency.

DATA PRIVACY: Information provided through the PA Vendor Portal will be used in the purchasing and accounting activities of the Commonwealth and will not be limited in its use to one Commonwealth agency. Information is retained in accordance with existing Commonwealth policy and laws, including the Pennsylvania Right to Know Law, 65 P.S. Section 66.1 et seq.

TERMS: By submitting information through the PA Supplier Portal, you are agreeing on behalf of the person or entity identified to one (1) default remit to address and one (1) Automatic Clearing House (ACH) bank account.

CERTIFICATION: By submitting information through the PA Vendor Portal, you certify that: (1) you are authorized to submit the information for, or on behalf of, the person or entity identified; and, (2) all of the information is true and correct to the best of your knowledge, information, and belief. Any false statements made by you on or in the PA Vendor Portal are subject to the penalties of 18 Pa. C.S. § 4904 (relating to unsworn falsification to authorities).

Yes, I have read the data privacy statement and accept the terms.

## A. Complete the following fields in the Address Data section:

- **Legal Name:** The primary name by which your company (OR  the individual's name if registering with a social security number) is  currently listed with the IRS.

- **Name of the Company:** Complete this field if the name of your company is different than the legal name listed above.  Note clearly if this is a DBA (doing business as), a Disregarded Entity, etc.

- **Name of the Person Creating Registration**
- **Business Type:** Select the legal description of your business.
- **Exempt payee code or Exemption from FATCA reporting code** (if any)
- E-Mail Address:** Enter a valid e-mail address for the person who will set up the Administrative User account for your company.
- **Telephone and Fax:** These fields are each 10 digits and may  not contain any dashes.
- **Street:** Enter your company street address. If you use a PO  Box, please enter your PO Box in the “PO Box” field further down. *The system will not accept both fields being completed.*
- City, State, and Country:** Where your company is located.
- **ZIP Code:** Enter your state and entire nine-digit ZIP+4 code. *The ZIP+4 can be found at [www.USPS.com](http://www.USPS.com).*
- **PO Box:** Enter your company’s PO Box. If none exists, please  enter your street address in the “Street” field. *The system will not accept both fields being completed.*

**B. Complete the Product Categories section by choosing *Building & Construct and/or Materials/Services* for your company type.**

- Below, carefully read the **Disclaimer, Data Privacy, Terms** and  **Certification Notices**, and check the box stating that you  accept the terms and conditions.
- Look over the responses carefully.
- Click the “Next” box once.

**C. Carefully review the information on the W9 form displayed on the next page. If the information is correct, select the checkbox to confirm your electronic signature on the form and then select the “Submit W9” button to proceed to the confirmation screen. If the information is not correct, select the “Back” button to revise it.**

**D. Upon submission, an e-mail acknowledgement will be sent that verifies your company information has been successfully received.**

After your information has been submitted, check the specified e-mail account for a message from **SRMSVC@pa.gov**. This e-mail should arrive within one business day. *If you do not receive the e-mail within this timeframe, contact the **Help Desk** at (877) 435-7363 and select **Option #1** from the menu.*

**A. When you receive your e-mail, read it carefully.**

The link contained in this e-mail can only be used once. This e-mail can not be forwarded, copied or pasted, or the link will not work.

**B. Follow the link within the e-mail and complete the following fields:**

- **User Name:** Create a user name of your choice.
- **Password:** Create a temporary password that must have at least 7 characters (including at least one upper case letter, one lower case letter, one number and one special character). Special characters are the symbols created by holding the SHIFT key and typing any number from 0-9, such as \$, #, @, or \*. *This password will need to be changed after the Administrative User is created and may not be re-used. It also cannot contain elements of the User Name.*
- **Confirm Password:** Re-enter the temporary password.
- **Salutation:** Select an option from the drop-down menu.
- **First Name / Last Name:** Enter the administrator's first / last name.
- **E-Mail Address:** Enter a valid e-mail address.
- **Country:** Select from the drop-down menu, if necessary.
- **Language:** Select from the drop-down menu, if necessary.
- **Telephone and Fax:** These fields are each 10 digits and may not contain any dashes.
- **Item and Department:** Use these two fields to help identify additional personnel and items.
- **Date Format:** Select your preferred date format from the drop-down menu.
- **Decimal Format:** Allow the default option to remain.
- **Time Zone:** Select your region's official time zone.
- **Registration ID:** PLEASE DO NOT ENTER OR CHANGE ANYTHING IN THIS FIELD. It contains a default from your encrypted e-mail. *If this field is blank, please call the Help Desk at (877) 435-7363 and select Option #1 from the menu.*

Review your selections to ensure everything is correct. Select the checkbox to confirm that you have read the statements and accept the terms.

**C. Select the Create button located below the checkbox. This will complete the "Create Administrative User" process.**

Upon submission, a confirmation message displays and states that the User and Password were successfully created. *This message will also contain your newly-assigned Vendor Number and a link to redirect you back to the PA Supplier Portal login page.*

pennsylvania PA Welcome PA Suppliers Help | Log On

**SUPPLIER LOGON**

Supplier  
Supplier Registration

Detailed Navigation

- PA Supplier Portal Home
- New Supplier Registration
- Existing Supplier Registration
- Supplier Service Center

PLEASE WRITE DOWN OR PRINT THE FOLLOWING INFORMATION:

- \* Your User Name
- \* Your Temporary Password
- \* Vendor Number 0000

THIS INFORMATION WILL BE NEEDED IN PHASE 3.

FIRST, you should Log In to the Supplier Portal at <http://www.pasupplierportal.state.pa.us>, to change your Temporary Password to a New Password.

NEXT, Log Out of the Supplier Portal and wait up to 20 minutes for the system to recognize your Administrative User information.

Once the system has recognized your Administrative User information, you may Log Back In to the PA Supplier Portal to Update your Company Data, Add Bank Data, Create Additional Users and Respond to Solicitations.

PHASE 2 IS COMPLETE.

Select "SUPPLIER LOGON" located in the upper left corner of the screen to begin PHASE 3.

## STEP 3 - SUBMIT REGISTRATION LOG IN / MANAGE BIDDER

pennsylvania PA

Welcome Pennsylvania Suppliers! If you are using a screen reader and would like to request the enhanced accessibility option for this website, please call the toll free number 877-435-7363, option 1, between 8:00 AM and 4:30 PM, Monday thru Friday.

The PA Supplier Portal is a secure site. The PA Supplier Portal certified browsers are Internet Explorer 8.0 through 11.0. Other products may work; however, full functionality cannot be assured.

User \*

Password \*

Login Problems? [Reset Password](#) Forgot your User ID? Contact the Payable Service Call Center at 877-435-7363, option 1  
Or email [PA-PSC-SRMPORTAL@pa.gov](mailto:PA-PSC-SRMPORTAL@pa.gov)

- Follow the Supplier Portal link ([www.pasupplierportal.state.pa.us](http://www.pasupplierportal.state.pa.us)) and log in using your User Name and temporary password.
- When prompted, change your temporary password to a new one. Your User Name will default in the User ID field. Please complete the following three fields to complete the process:

- **Old Password:** Type in your temporary password.
- **New Password:** Enter a new password, making sure to follow  the previously  outlined requirements (see Phase #2, section B).
- **Confirm Password:** Re  enter your new password.

Select the **Change** button to complete the password change. *You will now be logged in as the Vendor Administrator and taken to the welcome screen.*

**C. Once your password is changed, you will need to click “Log Out” in the upper right-hand corner and wait at least 30 minutes for the system to refresh your registration data before attempting to log in again or change any information.**

An e-mail titled “W9 Form for Vendor” will be sent to the e-mail address  submitted in Phase 1 requesting a signed and dated IRS W9 form. Please be sure to write the vendor number at the top of the W9 prior to returning it via fax or include the vendor number somewhere within the returning email.

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**Once these three steps are completed, you’ll be officially registered with us. Congratulations on becoming a new supplier, and welcome to the Commonwealth of Pennsylvania!**

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**Now that you are registered with the PA Supplier Portal, please enter and update your Company Data and Administrative Information including the default remit-to address for receipt of payments as applicable. Please click <http://www.pasupplierportal.state.pa.us> to get started. The following actions are also recommended:**

- 
- **Enter Bank Data**  
This section can be found under the **Manage Bank Data & Product Categories** tab on the left navigation pane, and will enable your company to receive payments via ACH.
- **Register for E-Alerts**  
This valuable feature will enable you to “subscribe” to all upcoming  solicitations applicable to your company. For more information on E  Alerts or to register online, please visit <http://www.dgsweb.state.pa.us/EAlerts/>.

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**For more information about Registering  
as a Supplier, please contact:**

**Customer Support Center  
(877) 435-7363, Option #1**

**Department of General Services  
Bureau of Procurement  
555 Walnut Street, 6th Floor  
Harrisburg, PA 17101**

**[www.dgs.state.pa.us/procurement](http://www.dgs.state.pa.us/procurement)**

**Janice Pistor  
*Chief Procurement Officer***

**Kenneth Hess  
*Deputy Secretary, Procurement***

**Curtis Topper  
*Secretary, Department of General Services***

**Tom Wolf  
*Governor***

**Revised April 2019**

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## SOLICITATION ADDENDUM

Date: **June 22, 2022**  
Subject: **Two-Way Radio Equipment & Services**  
Solicitation Number: **6100055625**  
Due Date/Time: **July 19, 2022/ 13:00**  
Addendum Number: **1**

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To All Suppliers:

The Commonwealth of Pennsylvania defines a solicitation “Addendum” as an addition to or amendment of the original terms, conditions, specifications, or instructions of a procurement solicitation (e.g., Invitation for Bids or Request for Proposals).

The following changes have been made to the solicitation identified above:

1. Addition of Questions and Answers.

Type of Solicitation: Electronic Bid (SRM) - Review the Questions section of your solicitation response to ensure you have responded, as required, to any questions relevant to solicitation addenda issued subsequent to the initial advertisement of the solicitation opportunity.

Except as clarified and amended by this Addendum, the terms, conditions, specifications, and instructions of the solicitation and any previous solicitation addenda, remain as originally written.

Respectfully,

Name: **Raeden Hosler**  
Title: Commodity Specialist  
Phone: 717.787.4103  
Email: rhosler@pa.gov

**Questions & Answers**  
 IFB 6100055625  
 Two-Way Radio Equipment and Services

#	Question	Answer
1	What is the estimated funding source, or budget for this project?	<b>This is not a single project. This is a statewide purchasing contract, purchasing by agency on an as needed basis with state funds</b>
2	Has funding been secured, or is that expected to take place at a later date?	<b>Funding is per agency need on a fiscal year.</b>
3	Is this a new requirement?	<b>Replacement of current contracts which can be found <a href="https://www.eMarketplace.state.pa.us">PA - eMarketplace (state.pa.us)</a> by searching contract number 6100039075</b>
4	Or is there an incumbent vendor providing these services?	<b>Replacement of current contracts which can be found <a href="https://www.eMarketplace.state.pa.us">PA - eMarketplace (state.pa.us)</a> by searching contract number 6100039075</b>
5	If so, what is the contract number, vendor name, and term of the contract?	<b>Replacement of current contracts which can be found <a href="https://www.eMarketplace.state.pa.us">PA - eMarketplace (state.pa.us)</a> by searching contract number 6100039075</b>
6	Is there a timeline for when this project must be started or awarded?	<b>Awarded contracts are to start 1/1/23 for 3 years with two, one-year optional renewals.</b>
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## SOLICITATION ADDENDUM

Date: **June 28, 2022**  
Subject: **Two-Way Radio Equipment & Services**  
Solicitation Number: **6100055625**  
Due Date/Time: **July 19, 2022/ 13:00**  
Addendum Number: **2**

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To All Suppliers:

The Commonwealth of Pennsylvania defines a solicitation “Addendum” as an addition to or amendment of the original terms, conditions, specifications, or instructions of a procurement solicitation (e.g., Invitation for Bids or Request for Proposals).

The following changes have been made to the solicitation identified above:

1. Appendix F BOP-1201 General\_Instructions\_to\_Bidders.docx and replaced with APPENDIX F BOP-2201-06 WORKER PROTECTION FORM
2. Removed BOP-1201 General\_Instructions\_to\_Bidders.docx.

Type of Solicitation: Electronic Bid (SRM) - Review the Questions section of your solicitation response to ensure you have responded, as required, to any questions relevant to solicitation addenda issued subsequent to the initial advertisement of the solicitation opportunity.

Except as clarified and amended by this Addendum, the terms, conditions, specifications, and instructions of the solicitation and any previous solicitation addenda, remain as originally written.

Respectfully,

Name: **Raeden Hosler**  
Title: Commodity Specialist  
Phone: 717.787.4103  
Email: rhosler@pa.gov



## SOLICITATION ADDENDUM

Date: **July 13, 2022**  
Subject: **Two-Way Radio Equipment & Services**  
Solicitation Number: **6100055625**  
Due Date/Time: **July 19, 2022/ 13:00**  
Addendum Number: **3**

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To All Suppliers:

The Commonwealth of Pennsylvania defines a solicitation “Addendum” as an addition to or amendment of the original terms, conditions, specifications, or instructions of a procurement solicitation (e.g., Invitation for Bids or Request for Proposals).

The following changes have been made to the solicitation identified above:

1. Addition of Questions and Answers.

Type of Solicitation: Electronic Bid (SRM) - Review the Questions section of your solicitation response to ensure you have responded, as required, to any questions relevant to solicitation addenda issued subsequent to the initial advertisement of the solicitation opportunity.

Except as clarified and amended by this Addendum, the terms, conditions, specifications, and instructions of the solicitation and any previous solicitation addenda, remain as originally written.

Respectfully,

Name: **Raeden Hosler**  
Title: **Commodity Specialist**  
Phone: **717.787.4103**  
Email: **rhosler@pa.gov**

**Questions & Answers**  
 IFB 6100055625  
 Two-Way Radio Equipment and Services

#	Question	Answer
1	What is the estimated funding source, or budget for this project?	<b>This is not a single project. This is a statewide purchasing contract, purchasing by agency on an as needed basis with state funds</b>
2	Has funding been secured, or is that expected to take place at a later date?	<b>Funding is per agency need on a fiscal year.</b>
3	Is this a new requirement?	<b>Replacement of current contracts which can be found <a href="http://PA - eMarketplace (state.pa.us)">PA - eMarketplace (state.pa.us)</a> by searching contract number 6100039075</b>
4	Or is there an incumbent vendor providing these services?	<b>Replacement of current contracts which can be found <a href="http://PA - eMarketplace (state.pa.us)">PA - eMarketplace (state.pa.us)</a> by searching contract number 6100039075</b>
5	If so, what is the contract number, vendor name, and term of the contract?	<b>Replacement of current contracts which can be found <a href="http://PA - eMarketplace (state.pa.us)">PA - eMarketplace (state.pa.us)</a> by searching contract number 6100039075</b>
6	Is there a timeline for when this project must be started or awarded?	<b>Awarded contracts are to start 1/1/23 for 3 years with two, one-year optional renewals.</b>
7	<b>Specifications, I-3 IT Policies.</b> There are dozens of IT policies listed. Respectfully request the Commonwealth identify applicable IT policies that apply to this IFB.	Due to the complexity of items potentially available, different ITP's may apply to different purchase orders.
8	<b>Specifications, F. Orders: 1. Order Acceptance.</b> Basically says bidders must accept Pcard transactions. Not all bidders can process Pcard payments/transactions. Therefore, respectfully request the Commonwealth amend this provision (and other Commonwealth Contract "Pcard" Terms and Conditions (V-7 and V-23b.)) by adopting the <b>COSTARS Contract Terms and Conditions (10. D. PAYMENT)</b> giving the contractors the option to accept Pcard transactions (see below).  "d. The Contractor shall specify in the Bid Item Workbook whether it will accept any Purchaser credit card(s) as a method of payment and if so, the particular type(s) of credit card(s) accepted."	The language will remain as written.
9	<b>Specifications, II-1, F. Orders, 3. Order Delivery.</b> Respectfully request Commonwealth condense provision to delivery of "equipment" with no distinction between COTS and custom equipment while retaining "unless otherwise agreed upon between the Commonwealth and the vendor."	The language will remain as written.

**Questions & Answers**  
 IFB 6100055625  
 Two-Way Radio Equipment and Services

#	Question	Answer
10	<p><b>Specifications, II-3 Service Requirements. F. Service Level Agreements (SLAs).</b> Bidder questions how the Commonwealth can determine or differentiate between bidder COTS and custom equipment and why it is even necessary when the Commonwealth can remove the first SLA for delivery of “COTS” as it is not necessary if the Commonwealth then tailors the second delivery SLA from “custom order” equipment to simply “equipment”. (This request dovetails with Question 3 above.) Second, bidder respectfully requests clarification of second SLA’s Service Credit be limited to the late equipment only and not necessarily for the price of the whole order if only some equipment was late and some equipment was delivered on time. Accordingly, Service Credit would have to be tailored something like this: “5% of the cost of the <u>late equipment in</u> the order for each occurrence.”. Finally, is the Commonwealth amenable to incorporating other aspects of the SLAs, e.g. NTE \$, grace period, etc.?</p>	<p>Custom equipment would be stated on the quote and PO. Otherwise, it is considered COTS. The service credit is at the discretion of the business area. Communication from the vendor to COPA about delay of shipments must start on the quotes and continue through delivery or cancelation of the order. This would apply to all SLAs with Service Credits.</p>
11	<p><b>COSTARS PROGRAM CLAUSE, Purchasers (and Contract Terms and Conditions 1-9 and II-1).</b> If bidder already has a COSTARS Contract and pays an annual fee of \$1,500, in the event of a Commonwealth contract, would the awarded bidder have to pay an additional \$1,500 fee?</p>	<p>COSTARS is an optional program that requires payment for each enabled contract.</p>
12	<p><b>Contract Terms and Conditions, I-6, Submission of Bids. c.</b> Although the Specifications and Contract Terms are non-negotiable, bidder would like to include “cloud” products and services which require supplemental terms and conditions to address the “cloud” products and services. Would the Commonwealth entertain such “cloud”-specific, supplemental terms and conditions?</p>	<p>Cloud and software will be handled on an as needed basis with the completion of a software license agreement that would be negotiated separately, and procurement of such products could not occur until such agreement was fully executed.</p>

**Questions & Answers**  
 IFB 6100055625  
 Two-Way Radio Equipment and Services

#	Question	Answer
13	<p><b>V-29 Contract Terms and Conditions, V-29, Default and V-31c., Termination for Cause.</b> The Commonwealth's Default and Termination for Cause provisions do not include a specific, express cure period for the Contractor and; therefore, bidder respectfully requests Commonwealth incorporate a commercially reasonable cure period for all bidders substantially similar to the <b>COSTARS Contract Terms and Conditions, Section 21</b> cure period of 10 days (see excerpt below).</p> <p style="padding-left: 40px;">From COSTARS Contract Terms and Conditions, Section 21. DEFAULT. (Excerpt) "Such cure period should be not less than 10 days but can be as long as the Purchaser deems reasonable and appropriate."</p>	<p>The language will remain as written.</p>
14	<p><b>V.48 Contract Terms and conditions, V.48, Insurance.</b> Bidders do not routinely provide copies of their insurance policies, etc. to buyers. Respectfully request the Commonwealth consider amending V.48 to align with current insurance industry practice which bidder can provide for review and approval. A sample Certificate of Insurance can also be provided to your risk management department for review and approval. Please advise if the Commonwealth will receive such documentation for review and approval and possible amendment to V-48 itself for all bidders' benefit.</p>	<p>V.48 states: "The Commonwealth shall have the right to inspect the original insurance policies." Note, however, that this section also provides that "Prior to commencement of the work under the Contract and at each insurance renewal date during the term of the Contract, the Contractor shall provide the Commonwealth with current certificates of insurance."</p> <p>Policy review is only required when requested, but certificates of insurance naming COPA as additional insured are required.</p>

**Questions & Answers**  
 IFB 6100055625  
 Two-Way Radio Equipment and Services

#	Question	Answer
15	<p><b>Contract Terms and Conditions, V-27 , Hold Harmless.</b> Respectfully request the Commonwealth incorporate a commercially reasonable limitation of liability substantially similar to that set forth in <b>COSTARS Contract Special Terms and Conditions for IT Hardware</b> (see excerpt below) for all bidders:</p> <p style="padding-left: 40px;"><b>“11. Limitation of Liability.</b> Section 18 of the Standard Terms and Conditions is amended by the addition of the following at the end of the existing language:</p> <p style="padding-left: 40px;">The Contractor's liability to any Purchaser under any PO issued under the Contract shall be limited to: (i) the greater of \$1,000,000 or the value of the PO (including any amendments) for POs of \$500,000 or more or (ii) the greater of \$100,000 or two times the value of the PO for all other POs, unless otherwise specified in the PO. This limitation will apply, except as otherwise stated in this paragraph, regardless of the form of action, whether in contract or in tort, including negligence. This limitation does not, however, apply to damages for:</p> <ul style="list-style-type: none"> <li>a. Bodily injury;</li> <li>b. Damage to real property or tangible personal property for which the contractor is legally liable; or</li> <li>c. The contractor's indemnity of DGS and any Purchaser for patent, copyright, trade secret, or trademark protection.</li> </ul> <p style="padding-left: 40px;">In no event will the contractor be liable for lost profits, lost revenue or lost savings. In no event will the contractor be liable for damages due to lost records or data, except for contractor liability associated with viruses or malicious, mischievous or destructive programming. Notwithstanding the foregoing, the contractor shall provide reasonable assistance to any Purchaser in restoring such lost records or data to their most recent backup copy.”</p> <p>and include a mutual limitation of liability for indirect damages substantially similar to “In no event will Commonwealth or Contractor or any of its suppliers or licensors be liable for any indirect, special, exemplary, consequential or incidental damages (including lost profits, lost revenues, lost data and other economic losses), however caused and regardless of whether such damages are foreseeable or whether Commonwealth or Contractor has been advised of their possibility.</p>	<p>The language will remain as written.</p>

**Questions & Answers**  
 IFB 6100055625  
 Two-Way Radio Equipment and Services

#	Question	Answer
16	<p><b>Contract Terms and Conditions, V-6, Definitions, d. Developed Works and Developed Materials.</b> Respectfully request the Commonwealth delete this definition as bidder(s) is(are) not “developing” any Works of Materials; simply providing COTS products, software, and services. Also, bidder does not allow software to be copied. Commonwealth will need a license grant allowing it to use Nokia’s software which is licensed, not sold. Would Commonwealth entertain incorporating a provision in the Specifications or the Contract Terms stating that bidder’s IP is governed by the manufacturer’s software license or equivalent. verbiage?</p>	The language will remain as written.
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Original Approval Date: 11/18/2022

Page 2 of 3

**ORIGINAL**  
QUOT - Invitation For Bid  
P00764498 03/22/2022 09:51

**Supplier Name:**

[K & C COMMUNICATIONS](#)

**General Requirements for all Items:**

**Header Text**

This is a solicitation for the purchase of Two-Way Radio Equipment & Services in accordance with the exact specifications as described in Invitation for Bid #600055625. Reference Item Tendering Text for full line item specifications. Should you have any questions on this solicitation please contact Raeden Hosler at: RA-GSITPROCUREMENT@pa.gov SUBJECT: RFX 600055625. Please read and reference "1. Specifications".

Pursuant to Executive Order 2021-06, Worker Protection and Investment (October 21, 2021), the Commonwealth is responsible for ensuring that every Pennsylvania worker has a safe and healthy work environment and the protections afforded them through labor laws. To that end, contractors and grantees of the Commonwealth must certify that they are in compliance with all applicable Pennsylvania state labor and workforce safety laws. Such certification shall be made through the Worker Protection and Investment Certification Form (BOP-2201) and submitted with the bid, proposal or quote.

Bidders must answer the two Mandatory questions.

If a Bidder is submitting as a Reseller it must include a Manufacturers Authorization Letter which clearly states the Bidder is authorized to provide the OEM's equipment. The Manufacturers Authorization Letter must reference the Commonwealth's IFB 6100055625 for Two-Way Radio Equipment & Services.

To assist you with the bidding process are the following documents:

New Vendor Registration Guide, and Attaching Bid Documents .

There is an E-Alert Guide that will instruct you how to sign up for automatic email notifications for future solicitations that fall within your scope of work.

The following forms are mandatory and must be saved onto your desktop, completed, and uploaded into your bid:

GSPUR-89 Reciprocal Limitations Act Requirements Form, BOP 1307 Lobbying Certification form, BOP 2201 Worker Protection Form and the Iran Free Procurement Certification Form and Domestic Workforce Utilization Certification Form .

\*\*\* No further information for this bid \*\*\*

**ATTRIBUTES PAGES TO FOLLOW**

Total of Items  
on Previous Page



Original Approval Date: 11/18/2022

Page 3 of 3

**ORIGINAL**

QUOT - Invitation For Bid

P00764498 03/22/2022 09:51

**Supplier Name:**

[K & C COMMUNICATIONS](#)

**\*\*\* Attributes Page \*\*\***

**Mandatory QUESTION #02** - Is the offer in accordance with the "Representations and Authorizations" listed in section "Submission – 001.1" of the attached solicitation document?

**Response:** Y

**Mandatory QUESTION #01** - Has the submitter read, and does the submitter understand, the "Representations and Authorizations" listed in section "Submission – 001.1" of the attached solicitation document?

**Response:** Y





**LOBBYING CERTIFICATION FORM**

**Certification for Contracts, Grants, Loans, and Cooperative Agreements**

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, Disclosure of Lobbying Activities, which can be found at:

<https://www.gsa.gov/Forms/TrackForm/33144>

(3) The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed under *Section 1352, Title 31, U. S. Code*. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for such failure.

SIGNATURE: \_\_\_\_\_

*Loren M. Cochran*

TITLE: \_\_\_\_\_

*CEO / President*

DATE: \_\_\_\_\_

*7/13/22*

**COSTARS PROGRAM ELECTION TO PARTICIPATE**

If awarded a Contract, our firm agrees to sell the awarded items/services at the same prices and/or discounts, and in accordance with the contractual terms and conditions, to registered COSTARS Members who elect to participate in the contract. Our firm also agrees to pay the applicable Administrative Fee (\$1500 or \$500 for a Department of General Services Self-Certified Small Business) at the beginning of each contract year and upon each contract renewal date.

If you are a Department of General Services Self-Certified Small Business, you must submit a copy of your active Small Business Procurement Initiative (SBPI) certificate with your bid response.

K & C Communications

Corporate or Legal Entity Name

Karen M Percoran 7/13/22

Signature/Date

Karen M Percoran / CEO / President

Printed Name/Title





## WORKER PROTECTION AND INVESTMENT CERTIFICATION FORM

A. Pursuant to Executive Order 2021-06, *Worker Protection and Investment* (October 21, 2021), the Commonwealth is responsible for ensuring that every worker in Pennsylvania has a safe and healthy work environment and the protections afforded them through labor laws. To that end, contractors and grantees of the Commonwealth must certify that they are in compliance with Pennsylvania's Unemployment Compensation Law, Workers' Compensation Law, and all applicable Pennsylvania state labor and workforce safety laws including, but not limited to:

1. Construction Workplace Misclassification Act
2. Employment of Minors Child Labor Act
3. Minimum Wage Act
4. Prevailing Wage Act
5. Equal Pay Law
6. Employer to Pay Employment Medical Examination Fee Act
7. Seasonal Farm Labor Act
8. Wage Payment and Collection Law
9. Industrial Homework Law
10. Construction Industry Employee Verification Act
11. Act 102: Prohibition on Excessive Overtime in Healthcare
12. Apprenticeship and Training Act
13. Inspection of Employment Records Law

B. Pennsylvania law establishes penalties for providing false certifications, including contract termination; and three-year ineligibility to bid on contracts under 62 Pa. C.S. § 531 (Debarment or suspension).

### CERTIFICATION

I, the official named below, certify I am duly authorized to execute this certification on behalf of the contractor/grantee identified below, and certify that the contractor/grantee identified below is compliant with applicable Pennsylvania state labor and workplace safety laws, including, but not limited to, those listed in Paragraph A, above. I understand that I must report any change in the contractor/grantee's compliance status to the Purchasing Agency immediately. I further confirm and understand that this Certification is subject to the provisions and penalties of 18 Pa. C.S. § 4904 (Unsworn falsification to authorities).

<b>Signature</b> <i>Karen M. Corcoran</i>	<b>Date</b> <i>7/13/22</i>
<b>Name (Printed)</b> <i>Karen M. Corcoran</i>	
<b>Title of Certifying Official (Printed)</b> <i>CEO/President</i>	
<b>Contractor/Grantee Name (Printed)</b> <i>K+C Communications</i>	

## RECIPROCAL LIMITATIONS ACT REQUIREMENTS

Please Complete Applicable Portion of Pages 3 & 4 and Return with Bid.

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NOTE: These Requirements Do Not Apply To Bids Under \$10,000.00

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### I. REQUIREMENTS

- A.** The Reciprocal Limitations Act requires the Commonwealth to give preference to those bidders offering supplies produced, manufactured, mined or grown in Pennsylvania as against those bidders offering supplies produced, manufactured, mined or grown in any state that gives or requires a preference to supplies produced, manufactured, mined or grown in that state. The amount of the preference shall be equal to the amount of the preference applied by the other state for that particular supply.

The following is a list of states which have been found by the Department of General Services to have applied a preference for in-state supplies and the amount of the preference:

	<b>STATE</b>	<b>PREFERENCE</b>
1.	Alaska	7% (applies only to timber, lumber, and manufactured lumber products originating in the state)
2.	Arizona	5% (construction materials produced or manufactured in the state only)
3.	Hawaii	10%
4.	Illinois	10% for coal only
5.	Iowa	5% for coal only
6.	Louisiana	4% meat and meat products 4% catfish 10% milk & dairy products 10% steel rolled in Louisiana 7% all other products
7.	Montana	5% for residents * 3% for non-residents* *offering in-state goods, supplies, equipment and materials
8.	New Mexico	5%
9.	New York	3% for purchase of food only
10.	Oklahoma	5%
11.	Virginia	4% for coal only
12.	Washington	5% (fuels mined or produced in the state only)
13.	Wyoming	5%

- B.** The Reciprocal Limitations Act requires the Commonwealth to give preference to those bidders offering printing performed in Pennsylvania as against those bidders offering printing performed in any state that gives or requires a preference to printing performed in that state. The amount of the preference shall be equal to the amount of the preference applied by the other state for that particular category of printing.

The following is a list of states which have been found by the Department of General Services to have applied a preference for in-state printing and the amount of the preference:

	<b>STATE</b>	<b>PREFERENCE</b>
1.	Hawaii	15%
2.	Idaho	10%
3.	Louisiana	3%
4.	Montana	8%
5.	New Mexico	5%
6.	Wyoming	10%

- C.** The Reciprocal Limitations Act, also requires the Commonwealth to give resident bidders a preference against a nonresident bidder from any state that gives or requires a preference to bidders from that state or exclude bidders from states that exclude nonresident bidders. The amount of the preference shall be equal to the amount of the preference applied by the state of the nonresident bidder. The following is a list of the states which have been found by the Department of General Services to have applied a preference for in-state bidders and the amount of the preference:

	<b>STATE</b>	<b>PREFERENCE</b>
1.	Alaska	5% (supplies only)
2.	Arizona	5% (construction materials from Arizona resident dealers only)
3.	California	5% (for supply contracts only in excess of \$100,000.00)
4.	Connecticut	10% (for supplies only)
5.	Montana	3%
6.	New Mexico	5% (for supplies only)
7.	South Carolina	2% (under \$2,500,000.00) 1% (over \$2,500,000.00) This preference does not apply to construction contracts nor where the price of a single unit exceeds \$10,000.
8.	West Virginia	2.5% (for the construction, repair or improvement of any buildings)
9.	Wyoming	5%

	<b>STATE</b>	<b>PROHIBITION</b>
1.	New Jersey	For supply procurements or construction projects restricted to Department of General Services Certified Small Businesses, New Jersey bidders shall be excluded from award even if they themselves are Department of General Services Certified Small Businesses.

- D. The Reciprocal Limitations Act also requires the Commonwealth not to specify, use or purchase supplies which are produced, manufactured, mined or grown in any state that prohibits the specification for, use, or purchase of such items in or on its public buildings or other works, when such items are not produced, manufactured, mined or grown in such state. The following is a list of the states which have been found by the Department of General Services to have prohibited the use of out-of-state supplies:

	<b>STATE</b>	<b>PROHIBITION</b>
1.	Alabama	Only for printing and binding involving "messages of the Governor to the Legislature", all bills, documents and reports ordered by and for the use of the Legislature or either house thereof while in session; all blanks, circulars, notices and forms used in the office of or ordered by the Governor, or by any state official, board, commission, bureau or department, or by the clerks of the supreme court . . ./and other appellate courts/; and all blanks and forms ordered by and for the use of the Senate and Clerk or the House of Representatives, and binding the original records and opinions of the Supreme Court . . . /and other appellate courts/
2.	Georgia	Forest products only
3.	Indiana	Coal
4.	Michigan	Printing
5.	New Mexico	Construction
6.	Ohio	Only for House and Senate bills, general and local laws, and joint resolutions; the journals and bulletins of the Senate and house of Representatives and reports, communications, and other documents which form part of the journals; reports, communications, and other documents ordered by the General Assembly, or either House, or by the executive department or elective state officers; blanks, circulars, and other work for the use of the executive departments, and elective state officers; and opinions of the Attorney General.
7.	Rhode Island	Only for food for state institutions.

\*If the bid discloses that the bidder is offering to supply one of the above-listed products that is manufactured, mined, or grown in the listed state, it shall be rejected. Contractors are prohibited from supplying these items from these states.

## II. CALCULATION OF PREFERENCE

In calculating the preference, the amount of a bid submitted by a Pennsylvania bidder shall be reduced by the percentage preference which would be given to a nonresident bidder by its state of residency (as found by the Department of General Services in Paragraph C<sub>above</sub>). Similarly, the amount of a bid offering Pennsylvania goods, supplies, equipment or materials shall be reduced by the percentage preference which would be given to another bidder by the state where the goods, supplies, equipment or materials are produced, manufactured, mined or grown (as found by the Department of General Services in Paragraphs A and B above).



THIS FORM MUST BE COMPLETED AND RETURNED WITH THE BID

**III. STATE OF MANUFACTURE**

All bidders must complete the following chart by listing the name of the manufacturer and the state (or foreign country) of manufacture for each item. If the item is domestically produced, the bidder must indicate the state in the United States where the item will be manufactured. **This chart must be completed and submitted with the bid or no later than two (2) business days after notification from the Issuing Office to furnish the information. Failure to complete this chart and provide the required information prior to the expiration of the second business day after notification shall result in the rejection of the bid.**

ITEM NUMBER	NAME OF MANUFACTURER	STATE (OR FOREIGN COUNTRY) OF MANUFACTURE
Network Infrastructure and Remote Communication Sites - Remote Facility <del>Monitoring Security and Surveillance Equipment</del>	Avigilon	Texas
Network Infrastructure and Remote Communication Sites - Remote Facility <del>Monitoring Security and Surveillance Equipment</del>	Avigilon	Canada
Mobile Devices and Accessories - Portable Hand Held Radios	Motorola Solutions	Malaysia
Mobile Devices and Accessories - Vehicular Radios	Motorola Solutions	Malaysia
Mobile Devices and Accessories - Other 2-way Radios and Accessories	Motorola Solutions	Malaysia
Mobile Devices and Accessories - Mobile Antennas and Amplifiers	Motorola Solutions	California
Mobile Devices and Accessories - Mobile Mounts and Power	Motorola Solutions	Malaysia
Mobile Devices and Accessories - Mobile Radio Batteries and Chargers	Motorola Solutions	Malaysia
Network Infrastructure and Remote Communication Sites - Bi-Directional <del>Amplifiers</del>	ARDF	

**IV. BIDDER'S RESIDENCY**

**A.** In determining whether the bidder is a nonresident bidder from a state that gives or requires a preference to bidders from that state, the address given on the first page of this invitation to bid shall be used by the Commonwealth. If that address is incorrect, or if no address is given, the correct address should be provided in the space below:

Correct Address: 4120 Swatara Drive

Harrisburg

PA

17113

- B.** In order to claim the preference provided under Section I.B., Pennsylvania resident bidders must complete the following or have such information on file with the Issuing Office:
- 1.** Address of bidder's bona fide establishment in Pennsylvania at which it was transacting business on the date when bids for this contract/requisition were first solicited: 4120 Swatara Drive, Harrisburg, PA 17113
  - 2. a.** If the bidder is a corporation:
    - (1)** The corporation  is or  is not incorporated under the laws of the Commonwealth of Pennsylvania.
      - (a)** If the bidder is incorporated under the laws of the Commonwealth of Pennsylvania, provide date of incorporation: December, 1996
      - (b)** If the bidder is not incorporated under the laws of the Commonwealth of Pennsylvania, it must have a certificate of authority to do business in the Commonwealth of Pennsylvania from the Pennsylvania Department of State as required by the Pennsylvania Business Corporation Law (15 P.S. §2001). Provide date of issuance of certificate of authority: \_\_\_\_\_
    - (2)** The corporation  is or  is not conducting business in Pennsylvania under an assumed or fictitious name. If the bidder is conducting business under an assumed or fictitious name, it must register the fictitious name with the Secretary of the Commonwealth and the office of the prothonotary of the county wherein the registered office of such corporation is located as required by the Fictitious Corporate Name Act, as amended 15 P.S. §51 et seq. Corporate bidders conducting business under an assumed or fictitious name must provide date of registry of the assumed or fictitious name: \_\_\_\_\_
  - b.** If the bidder is a partnership:
    - (1)** The partnership  is or  is not conducting business in Pennsylvania under an assumed or fictitious name. If the bidder is conducting business under an assumed or fictitious name, it must file with the Secretary of the Commonwealth and the office of the prothonotary the county wherein the principal place of business is located as required by the Fictitious Name Act of May 24, 1945, P.L. 967, as amended 54 P.S. §28.1. Partnerships conducting business under an assumed or fictitious name must provide the date of filing of the assumed or fictitious name with the Secretary of the Commonwealth: \_\_\_\_\_
    - (2)** The partnership  is or  is not a limited partnership formed under the laws of any jurisdiction other than the Commonwealth of Pennsylvania. If the bidder is an Out-of-state limited partnership, it must register with the Pennsylvania Department of State as required by the Act of July 10, 1981, P.L. 237, as amended, 59 Pa. C.S.A. §503. Out-of-state limited partnerships must provide the date of registry with the Pennsylvania Department of State: \_\_\_\_\_
  - c.** If the bidder is an individual:

He or she  is or  is not conducting business under an assumed or fictitious name. If the bidder is conducting business under an assumed or fictitious name, he or she must file with the Secretary of the Commonwealth and the office of the prothonotary in the county wherein the principal place of business is located as required by the Fictitious Name Act of May 24, 1945, P.L. 967, as amended, 54 P.S. §28.1. Individuals conducting business under an assumed or fictitious name must provide the date of filing of the assumed or fictitious name with the Secretary of the Commonwealth: \_\_\_\_\_

**COSTARS PROGRAM ELECTION TO PARTICIPATE**

If awarded a Contract, our firm agrees to sell the awarded items/services at the same prices and/or discounts, and in accordance with the contractual terms and conditions, to registered COSTARS Members who elect to participate in the contract. Our firm also agrees to pay the applicable Administrative Fee (\$1500 or \$500 for a Department of General Services Self-Certified Small Business) at the beginning of each contract year and upon each contract renewal date.

If you are a Department of General Services Self-Certified Small Business, you must submit a copy of your active Small Business Procurement Initiative (SBPI) certificate with your bid response.

K & C Communications

Corporate or Legal Entity Name

Karen M. Cercorean 7/12/22

Signature/Date

Karen M. Cercorean / CEO / President

Printed Name/Title

### Dedicated Contacts

	Contact Name	Contact Email	Contact Phone
Account Manager:	Kevin Kulish	<a href="mailto:kkulish@kccom.com">kkulish@kccom.com</a>	814-368-0549
Service Manager:	Karen Corcoran	<a href="mailto:karen@kccom.com">karen@kccom.com</a>	717-561-0800
Service Desk number:			717-561-0800
OEM contact:	Rebecca Earlewine	<a href="mailto:rebecca.earlewine@motorolasolutions.com">rebecca.earlewine@motorolasolutions.com</a>	412-897-9902



**WORKER PROTECTION AND INVESTMENT CERTIFICATION FORM**

A. Pursuant to Executive Order 2021-06, *Worker Protection and Investment* (October 21, 2021), the Commonwealth is responsible for ensuring that every worker in Pennsylvania has a safe and healthy work environment and the protections afforded them through labor laws. To that end, contractors and grantees of the Commonwealth must certify that they are in compliance with Pennsylvania’s Unemployment Compensation Law, Workers’ Compensation Law, and all applicable Pennsylvania state labor and workforce safety laws including, but not limited to:

1. Construction Workplace Misclassification Act
2. Employment of Minors Child Labor Act
3. Minimum Wage Act
4. Prevailing Wage Act
5. Equal Pay Law
6. Employer to Pay Employment Medical Examination Fee Act
7. Seasonal Farm Labor Act
8. Wage Payment and Collection Law
9. Industrial Homework Law
10. Construction Industry Employee Verification Act
11. Act 102: Prohibition on Excessive Overtime in Healthcare
12. Apprenticeship and Training Act
13. Inspection of Employment Records Law

B. Pennsylvania law establishes penalties for providing false certifications, including contract termination; and three-year ineligibility to bid on contracts under 62 Pa. C.S. § 531 (Debarment or suspension).

**CERTIFICATION**

I, the official named below, certify I am duly authorized to execute this certification on behalf of the contractor/grantee identified below, and certify that the contractor/grantee identified below is compliant with applicable Pennsylvania state labor and workplace safety laws, including, but not limited to, those listed in Paragraph A, above. I understand that I must report any change in the contractor/grantee’s compliance status to the Purchasing Agency immediately. I further confirm and understand that this Certification is subject to the provisions and penalties of 18 Pa. C.S. § 4904 (Unsworn falsification to authorities).

<b>Signature</b> <i>Karen M. Corcoran</i>	<b>Date</b> <i>7/13/22</i>
<b>Name (Printed)</b> <i>Karen M Corcoran</i>	
<b>Title of Certifying Official (Printed)</b> <i>CEO/President</i>	
<b>Contractor/Grantee Name (Printed)</b> <i>K+C Communications</i>	



4180 E Sand Ridge Rd, Morris, IL 60450 (800) 435-1636

July 10, 2022

Attn: State of Pennsylvania Re: State Contract

c/o K&C Communications, Inc.

Commonwealth IFB 6100055625 for Two-Way Radio Equipment & Services

To Whom It May Concern:

This is to confirm that K&C Communications, Inc. is an authorized reseller of ADRF products. All factory warranties for ADRF products provided through K&C Communications are in full effect.

Please refer to [www.primuselectronics.com](http://www.primuselectronics.com) to access a digital catalog of current products or PDF documents.

Sincerely,

A handwritten signature in blue ink, appearing to be "R. Menees", followed by a horizontal line.

Robert Menees

Vice President, Sales

Primus Electronics Corporation

AVIGILON™

Attention: Commonwealth of PA

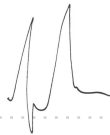
IFB # 6100055625

THIS CERTIFICATE HEREBY DESIGNATES

K&C Communications, Inc

AS AN

Avigilon Authorized  
Reseller



This designation is valid through:

31 March 2023



Warren A. Green  
Motorola Solutions Inc.  
809 Pinnacle Drive  
Linthicum, MD 21090

Attn: State of Pennsylvania  
Re: IFB 6100055625 – Two-Way Radio Equipment & Services

To whom it may concern,

This letter is to confirm K&C Communications, Inc. is an authorized reseller of Motorola Solutions Products and Services. Please be advised that K&C Communications has been an authorized Motorola Channel Partner since 1995. As an authorized Channel Partner, K&C resell the entire line of Commercial Series and Professional Series products as published in the authorized Motorola Solutions Dealer Price Book. Motorola Solutions will honor its standard warranty for all products purchased from K&C Communications. K&C has earned the top level in service as an Elite Partner.

Please feel free to contact me, should you have any questions.

Warren A. Green  
Area Sales Manager  
Motorola Solutions, Inc.  
410 980-0500

K&C Communications, Inc  
Motorola Solutions Partner # 1036198473

4120 Swatara Dr  
Harrisonburg, PA 17113





4180 E Sand Ridge Rd, Morris, IL 60450 (800) 435-1636

December 19, 2022

Attn: State of Pennsylvania Re: State Contract #4400016314

c/o K&C Communications, Inc.

Commonwealth IFB 6100055625 for Two-Way Radio Equipment & Services

To Whom It May Concern:

This is to confirm that K&C Communications, Inc. is an authorized reseller of all products distributed by Primus. All factory warranties for products provided through K&C Communications are in full effect.

Please refer to [www.primuselectronics.com](http://www.primuselectronics.com) to access a digital catalog of current products or PDF documents.

Sincerely,

Robert Menees

Vice President, Sales

Primus Electronics Corporation

# US VERSION

## REPEATER INTERFACE COMMUNICATIONS KIT™

### RESELLER PRICES

#### The Repeater Interface Communications Kit Model Includes:

- For use with CDM750, CDM1250 & CDM1550
- Selectable Hang Time
- PL, DPL, CSQ
- Uni-Directional or Bi-Directional Repeater Operation
- Singleband and Crossband Operation
- Transparent Operation
- Remote Repeater Set-Up and Knock Down
- LED Indicators for Repeater Enable, COR and Repeater Set-Up
- Front Panel Control for Repeater Enable and Set-Up
- Interface Box, Mounting Bracket and all required Cables

MODEL	DESCRIPTION	MSRP
HLN3333	Repeater Interface Communications Kit (includes manual)	\$ 329.00

#### General Accessories:

HKN9019	16 Pin Conductor Cable - same as HKN9969 (3 Ft. long enhanced connectors)	\$ 14.44
HKN9969_R	Accessory for Repeater Interface Communications Kit - additional 16 conductor cable (3 Ft. long) for connection	\$ 35.50

#### Manuals:

6880901Z79-B	R.I.C.K. Service & Programming Manual (most current issue includes MMR-062)	\$ 5.67
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For technical training of Motorola products, please visit:

<https://learning.motorolasolutions.com/>

# US VERSION

## MTR3000 SATELLITE RECEIVER

VHF & UHF, 800/900 MHz

### RESELLER PRICES

### MODELS & OPTIONS

**Please note: The MTR3000 Satellite Receiver has been discontinued and is no longer available for purchase. The below software and accessory sections for this receiver will be retained for reference purposes**

		MSRP
<b>Software:</b>		
RVN5115	Portable, Mobile, and Repeater Customer Programming Software (CPS) Package - Software package includes CPS, Air Tracer, Tuner, Repeater Diagnostic Control, and the MOTOTRBO System Planner. 3 Year Subscription Package Software is compatible with Windows XP & Windows Vista (Home and Professional versions) and Windows 7; support for Windows 2000 ended 6/30/09. Note: Software requires a license agreement and is	\$265.00
DDN9957	HI-SPEED USB CABLE 6FT (TYPE A -B)	\$20.00

#### **Kits & Accessories: MTR3000 Field Replaceable Units (FRUs)**

All Field Replacement Units (FRUs) are available through Customer Care and Service Division (RPSD) 1-800-927-2744.

#### **FRU MTR3000 Satellite Receivers:**

DLN6776	FRU: MTR3000 RECEIVER EXCITER FRU	\$100.00
DLN6777	FRU: MTR3000 RECEIVER PA FRU	\$100.00

#### **SPEAKERS/TEST CABLE:**

HSN1006	EXTERNAL SPEAKER	\$104.00
0185180U01	CABLE FOR EXTERNAL SPEAKER	\$18.25
30009493001	RECEIVER AUDIO TEST CABLE	\$65.25

For technical training of Motorola products, please visit:

<https://learning.motorolasolutions.com/>

# US VERSION

## BATTERY REVERTING CHARGER FOR USE WITH MOTOROLA MTR2000 BASE STATIONS

### RESELLER PRICES

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These battery reverting charger units charge and maintain the radio battery bank in a float type application. The system provides automatic reverting to a battery bank when main AC power fails and also provides separate charging capability.

#### BASIC PACKAGE INCLUDES:

- Auto Transfer Circuit
- Low Voltage Disconnect
- Stand Alone Box
- Auto Equalize
- Battery "On" Indicator
- Overvoltage Protection & Indicator
- Float and Automatic Equalize Circuitry
- Output Current Indicator
- Temperature Compensation Capability (optional)
- Charger Failure Indicator
- Rack Mountable

MODEL	DESCRIPTION	MSRP
L1883	Battery Reverting Charger, 14-volt (12-volt nominal) (for 30 Watt, 40 Watt and Receive Only models)	\$1,619.00
L1884	Battery Reverting Charger, 28-volt (24-volt nominal) 25-100 Watt	\$1,619.00

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#### Peripherals:

CDN6226A	Cable Interface, Station to Charger	\$66.15
CDN6227A	Cable Interface, Battery to Charger	\$85.70
TDN9879A	Temperature Sensor	\$40.00

For technical training of Motorola products, please visit:

<https://learning.motorolasolutions.com/>

# US VERSION

## VXR-7000 DESKTOP REPEATER VERTEX STANDARD VHF & UHF

### RESELLER PRICES

#### VXR-7000 Desktop Repeater Features:

- 12.5/25 kHz Switchable Channel Spacing
- 16 Channels
- Output Power 10~50 Watts Adjustable
- Programmable Busy Channel Lock Out
- Programmable Busy Timer Lock Out
- CWID
- CTCSS / DCS Codes
- Automatic DC Power Supply Back Up
- 100% Continuous Duty Cycle

The available channel stepping frequency ranges for the VXR-7000 are 2.5kHz, 5kHz, 6.25kHz, 10kHz, and 12.5kHz

#### Repeater Package Items

Untuned duplexers for the VXR-7000 are available.

The duplexers must be order separately.

The desktop microphone must be ordered separately.

Repeater CPS is downloadable from MOL.

#### Warranty Policy

Repeater warranty is 3 Years. For warranty repair, repeater must be sent to Vertex Standard directly. Please contact Vertex Standard at 1-800-2Vertex. Vertex Accessory warranty is 1 year. For warranty, please contact Motorola Customer Service at 1-

#### Service Repair Policy

VXR-7000 repeaters are supported by Motorola's 45 Day DOA Policy. For 45 day DOA radios, please contact Motorola's Customer Service at 1-800-927-2744. After 45 days, please contact Vertex Standard directly for all repair services at 1-800-2Vertex for the required repair request form. All service charges will require credit card payment.

#### Return Policy

These products are supported by the Motorola Return Policy. All product must be returned with factory box, packing materials, owner's manual & warranty cards. Contact Motorola Customer Service at 1-800-927-2744 for return authorization.

#### Post Sales Support

For post-sales technical inquiries and support needs, please contact Vertex Standard directly at 1-800-2Vertex.

MODEL	DESCRIPTION	MSRP
<b>STEP 1:</b>		
Select One (1) of the following Desktop Repeater Models		
A13670010	VXR-7000VC PKG-1; 50W 150-174 Mhz, 16 Ch	\$1,650.00
A13680014	VXR-7000UD PKG-1; 50W 450-480 Mhz, 16 Ch	\$1,650.00
<b>STEP 2:</b>		
AAF13X001	MD-12A8J Mobile Desktop Microphone	\$102.00
<b>STEP 3:</b>		
All duplexers have female type "N" connectors.		
Select One (1) Untuned Duplexer		
XUFIP0002	Untuned VHF Duplexer for VXR-7000, 148-160 MHz	\$410.00
XUFIP0001	Untuned UHF Duplexer for VXR-7000, 440-480 MHz	\$410.00
<b>STEP 4:</b>		
Select cable option if duplexer was ordered above.		
AAA21X001	CT-68 Duplexer Installation Cable Kit	\$63.00

MODEL	DESCRIPTION	MSRP
Service information is in the GR Series Service Manual 6880903Z42 and RSS programming information is in the 6880903Z43 which can be ordered separately. The only Repeater Controller that requires GM300 RSS is the HLN8388.		
AAF13X001	MD-12A8J Mobile Desktop Microphone	\$102.00
AAA21X001	CT-68 Duplexer Installation Cable Kit	\$63.00
XUFIP0002	Untuned VHF Duplexer for VXR-7000, 148-160 MHz	\$410.00
XUFIP0001	Untuned UHF Duplexer for VXR-7000, 440-480 MHz	\$410.00
A06420002	VPL-1 Programming Cable	\$87.00

# US VERSION

## MIP™ 5000 VoIP RADIO CONSOLE

### RESELLER PAGES

#### MIP 5000 Console General Information:

The MIP 5000 VoIP Radio console is designed to provide customers an affordable solution to transmit dispatch quality voice over their existing Multicast enabled Ethernet network. The MIP 5000 radio console connects up to 100 users with flexible licensing that is available with 1, 4, 8, 12, 24, and 48 channel software options. In addition, up to 128 radio resources can be connected to the network and configured in the Console System Database Manager (CSDM). These configuration files can be saved on each operator position to allow the dispatcher to access and control different combinations of radio resources (up to 48 at a time).

MIP 5000 consists of Gateways which connect the radios to the Network and Operator Position components including: MIP 5000 application software, Personal Computer (PC), and Audio accessories

#### Gateways

There are 4 types of gateways available in a MIP 5000 system to interface to radios: Local, Tone, Digital, and MOTOTRBO. Gateways have a one to one relationship to radios. One gateway is required for each radio controlled.

**Local Gateway L3482 controls radios, typically Mobiles in a Tray, via Microphone and Speaker connection and will support up to 16 frequency select (depending on radio capability).**

#### Radio Interface Cables:

- Prewired cable for CDM Family: DDN6338
- Prewired cable for MCS2000: DDN6699
- Generic radio cable for use with XTL family: DDN6340 (Requires field install of XTL accessory connector)
- Map universal cable for use with MOTOTRBO/XPR family: PMKN4018 (Requires field install of DB25 for local gateway)

**Tone Gateway L3483 controls base stations or repeaters with tone control signaling which will support up to 16 frequency select (depending on radio capability) via 600 Ohm lease lines. In addition, the tone gateway will also support E&M signaling.**

DIU With a tone gateway connected to the 4 wire interface on a DIU, the MIP 5000 can talk/listen, change frequency and, select coded/clear. However, MIP 5000 does not support the ACIM link functionality of the DIU.

**Digital Gateway L3484 acts as a virtual control head for specific Motorola radios or Consolettes via the SB9600 protocol. MIP 5000 will display the Alias ID if the individual Subscriber is configured to send it. MIP 5000 will provide the dispatcher access to the same number of frequencies the radio is capable of.**

#### Mobiles supported are:

- APX 7500 Mobile in a tray (05 Control Head, Remote Mount)
- MCS2000 Model III
- Spectra/Spectra Plus Consolette W9
- ASTRO XTL5000 Consolette W9
- CDM1550 LS/LS+ - Requires Remote Kit (RLN4802) and Remote Cable Kit (RKN4077)

MIP 5000 Release	APX 7500 Firmware Version
R04.01.00	R09.00.00 or later
R04.01.01	R09.00.00 or later
R04.02.00	R10.00.00 or later

MOTOTRBO Gateway L3598 acts as a virtual control head for the MOTOTRBO XPR4550 control station via the XCMP protocol. MIP5000 will display the Alias ID when in analog or TRBO digital mode. MIP5000 will provide the dispatcher access to the same number of frequencies the radio is capable of. MOTOTRBO system types supported are:

- Conventional
- IP Site Connect
- Linked Capacity Plus
- Capacity Plus
- Connect Plus - Requires Connect Plus System Release 1.4b

MIP 5000 Release	XPR 4550 Firmware Version	XPR 5550 Firmware Version
R03.00.00	1.7.x	N/A
R03.00.01	1.7.x	N/A
R04.00.00	1.8.x	N/A
R04.01.00	1.9.x	N/A
R04.01.01	1.11.x	N/A
R04.02.00	1.12.x	R02.30.01

#### Network

It is highly recommended that customers intending to use MIP 5000 in Public Safety situations use a dedicated network for dispatching. For non public safety situations, a MIP 5000 can be placed on an existing customer network. Network must support multicast addressing and be QoS enabled. For complete network requirements, see Specification Sheet on MOL or EYES.

## MIP™ 5000 VoIP RADIO CONSOLE

### Models

### RESELLER PRICES

#### Personal Computer (PC)

It is highly recommended that customers intending to use MIP 5000 in Public Safety situations purchase the TT2833 Motorola certified HP desktop computer. If not purchasing Motorola computers, see Specification Sheet on MOL for Recommended Minimum Computer Specifications. R04.02.00 supports Windows 7 Professional Service Pack 1 (32or 64 bit) and Windows 8.1 Professional (64-Bit). For Information Assurance Customers, the TT2833 is still the only certified solution.

### ORDERING REQUIREMENTS

**\* You must also order a DDN9867 MOTOTRBO Direct Connect Cable to connect the MOTOTRBO Gateway to the XPR 4550 or XPR 5550 Mobile \***

The MIP 5000 gateways do not ship with punch blocks or cables for connecting to base stations or radios. These must be ordered separately or provided by the customer. See the Accessories section below for cables that can be used for connecting to various radios.

**Headset Jackbox**

Every MIP 5000 operator position requires either a MIP 5000 USB Basic (Basic no longer available) or an Enhanced headset Jackbox. The Jackbox is needed for all standard (non USB) accessories. Each position requires a minimum of 1 and can support a maximum of 3 of any combination of Jackboxes. TT05522AA is the option for the Enhanced headset Jackbox.

A headset(s) may be used with the MIP 5000 Console. Each headset must be connected to a MIP 5000 USB Basic (Basic no longer available) or Enhanced Jackbox. A headset consists of two parts, a base and a top. A choice of two bases (CDN6281 and CDN6282) and several tops is provided. The MIP 5000 supports a maximum of two headsets per operator position.

**Upgrades**

Upgrades to R04.02.00 are available at no charge. Labor for upgrade installation is not reimbursable. To order contact System Support Center at 800-221-7144, option 4 on the call tree and request that a software case be opened.

**Existing System Expansion**

All new orders for Software and Gateways will ship with the latest release software – R04.02.00.

**Adding Gateways:** If adding gateways onto an existing R04.01.01 system or earlier, gateways will automatically downgrade during the installation process to match the software release running in the system.

**Adding Operator Positions:** If adding new operator positions to an existing R04.01.01 system or earlier, you will be required to upgrade the entire system (all Operator positions, CSDM and gateways) to R04.02.00. All operator positions and gateways in a MIP 5000 system must run the same version of software.

**Instant Recall Recorder (IRR)**

The Instant Recall Recorder (IRR) software with MIP 5000 allows users to record audio digitally on the MIP 5000 Operator position. Operator TX audio, Select and Unselect RX audio, Telephone Call Director Audio or any combination may be recorded.

If PC is...	Order	Includes:
...TT2538A MIP 5000 Certified PC	DDN1612	IRR Software & License, Soundcard, and PC Speakers
...Customer PC w/o Speakers	DDN1612	IRR Software & License, Soundcard, and PC Speakers
...Customer PC with Speakers	DDN1611 & DDN1118	IRR Software & License, Soundcard

Note: MIP 5000 with IRR on a laptop is not a supported configuration Link to price pages; Dual Instant Recall Recorder

**Pre-Install Support**

Motorola now offers MIP 5000 Installers an exclusive conference call with a knowledgeable Technical Support consultant prior to going on site. If you previously have not installed a MIP 5000 system, we highly recommend this call at no charge to you to ensure a successful install. Motorola will cover the first 30 Minutes of the call, any additional support beyond the 30 Minutes will follow the standard MIP 5000 support process. Call 1-800-221-7144 option 2,3,3.

Network Equipment		
Model Number	Description	MSRP
CLN1836	HP Switch 2610-24	\$2,250.00

**MIP™ 5000 VoIP RADIO CONSOLE**

**Models & Accessories**

**RESELLER PRICES**

Model Number	Description	MSRP
<b>Gateways:</b>		
L3482AC	MIP5000 VoIP Local Gateway PS California Compliant - Provides one MIP 5000 Local Gateway. Each gateway is capable of supporting one local control radio. Punch blocks and cabling for connecting to the radio are not included in the L3482AC. An Ethernet cable (not included) is also required for each L3482AC	\$798.00
L3483AC	MIP 5000 VoIP Tone Gateway PS California Compliant - Provides one MIP 5000 Tone Gateway. Each gateway is capable of supporting one tone remote controlled base station. Punch blocks and cabling for connecting to the station are not included in the L3483AC. An Ethernet cable (not included) is also required for each L3483AC.	\$798.00
L3484AC	MIP 5000 VoIP Digital Gateway PS California Compliant - Provides one MIP 5000 Digital Gateway. Each gateway is capable of supporting one SB9600-capable radio. Punch blocks and cabling for connecting to the radio are not included in the L3484AC. An Ethernet cable (not included) is also required for each L3484AC	\$798.00
L3598AC	MIP5000 VoIP MOTOTRBO Gateway - Provides one MIP 5000 MOTOTRBO Gateway. Each gateway is capable of supporting one XPR4550 or XPR 5550 radio. Punch blocks and cabling for connecting to the radio are not included in the L3598AC. An Ethernet cable (not included) is also required for each L3598AC.	\$798.00
DDN8671	15 Ft Null Modem Cable DB9 F/F 1 cable required per system to configure the gateway	\$13.00

DDN8672AC	Spare Power Supply for MIP 5000 Gateway w/ Power Cable California Compliant	\$146.00
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**MIP 5000 Software Channels:**

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L3485	MIP5000 VoIP Dispatch SW 1 Ch. - Provides the software application and licenses for one MIP 5000 1 Ch. Dispatch console. Allows a dispatcher to access and control one MIP 5000 Local, Tone, Digital, or MOTOTRBO Gateway. The PC, microphone, speakers and headset are not included and must be provided separately.	\$1,500.00
L3486	MIP5000 VoIP Dispatch SW 4 Ch. - Provides the software application and licenses for one MIP 5000 4 Ch. Dispatch console. Allows a dispatcher to access and control up to four MIP 5000 Local, Tone, Digital, or MOTOTRBO Gateways. The PC, microphone, speakers and headset are not included and must be provided separately.	\$2,500.00
L3487	MIP5000 VoIP Dispatch SW 8 Ch. - Provides the software application and licenses for one MIP 5000 8 Ch. Dispatch console. Allows a dispatcher to access and control up to eight MIP 5000 Local, Tone, Digital, or MOTOTRBO Gateways. The PC, microphone, speakers and headset are not included and must be provided separately.	\$6,500.00
L3499	MIP5000 VoIP Dispatch SW 12 Ch. - Provides the software application and license for one MIP 5000 12 Ch Dispatch console. Allows a dispatcher to access and control up to 12 MIP 5000 Local, Tone, Digital, or MOTOTRBO Gateways. The PC, microphone, speakers and headset are not included and must be provided separately.	\$10,500.00
L3567		\$15,500.00
	MIP5000 VoIP Dispatch SW 24 Ch. - Provides the software application and USB Hasp Key for one MIP5000 24-Channel dispatch console. Allows a dispatcher to access and control up to 24 MIP5000 Local, Tone, Digital, or MOTOTRBO Gateways. The PC, microphone, speakers, and headset are not included and must be provided separately.	
L3630		\$25,000.00
	MIP5000 VoIP Dispatch SW 48 Ch. - Provides the software application and USB Hasp Key for one MIP5000 48-Channel dispatch console. Allows a dispatcher to access and control up to 48 MIP5000 Local, Tone, Digital, or MOTOTRBO Gateways. The PC, microphone, speakers, and headset are not included and must be provided separately.	

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**MIP 5000 Options for Software:**

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TT05522	MIP5000 Enhanced Model USB Headset Jackbox	\$575.00
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**MIP™ 5000 VoIP RADIO CONSOLE**

**Models & Accessories**

**RESELLER PRICES**

Model Number	Description	MSRP
<b>MIP 5000 Software Channels:</b>		
TT2194	Expansion software from 12 channel to 24 channel capability	\$5,500.00
TT2193	Expansion software from 8 channel to 24 channel capability	\$9,500.00
TT2192	Expansion software from 4 channel to 12 channel capability	\$8,500.00
TT2191	Expansion software from 4 channel to 24 channel capability	\$13,000.00
TT2225	Expansion software from 8 channel to 12 channel capability	\$4,500.00
TT2745	Expansion software from 4 channel to 48 channel capability	\$23,000.00
TT2746	Expansion software from 8 channel to 48 channel capability	\$19,000.00
TT2747	Expansion software from 12 channel to 48 channel capability	\$15,000.00
TT2748	Expansion software from 24 channel to 48 channel capability	\$10,000.00

Note: Orders place for Expansion Software must be accompanied by telephone call to System Support Center (SSC) to open an entitlement case. Before your MIP 5000 Expansion Software order can ship you must call Support Center at 800-221-7144, option 4 on the call tree and request a software case be opened. Be prepared to provide the Factory Order (FO) # and the Serial number of currently installed software as well as the new FO# for Expansion SW.

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**Demo Equipment:**

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L3544	MIP5000 4 Ch. Demo Software	\$750.00
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The 4 channel MIP 5000 Demo Software provides software to dealers at a significant discount. This discount is made available to dealers who want to set up a working MIP 5000 system for Customer demo purposes. The offer is limited by the number of dealership offices To complete the demo system, the following components need to be ordered:

- 1) Up to 4 MIP 5000 Gateways (L3482 local , L3483 tone, L3484 digital, L3598 MOTOTRBO)
- 2) DDN8671 Null Modem cable for programming the gateway.
- 3) DDN9492 USB Headset Jackbox,
- 4) B1914 Desktop Gooseneck Microphone.
- 5) Mobile radio with radio interface cables to connect the gateway to the radio
- 6) A desktop or laptop computer meeting MIP 5000 specifications
- 7) a set of PC Speakers
- 8) Subscriber to demonstrate RX and TX audio

L3615	MIP 5000 1 Channel MOTOTRBO Demo Kit Kit Includes: 1) 1 Channel MIP 5000 Software 2) 1 MIP 5000 MOTOTRBO Gateway 3) 1 MIP 5000 MOTOTRBO Direct Connect Cable	\$750.00
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Limited to 1 Kit Per Dealer Site Location

<b>Computers:</b>		
TT3225	Z2 MINI WORKSTATION 258G 8G NON RET	\$2,500.00
DDN1244	SW Based IRR USB HASP with License, Sound Card, and Speakers for Windows 7 Kit includes software based Instant Recall Recorder (IRR) CD, USB HASP protection key, and Sound Blaster XFI Xtreme sound . A set of PC speakers are included to facilitate the playback audio from the telephone and radio lines.	\$2,935.00
CDN6673	Set of 2 PC Speakers	\$46.00
DSTG191	TECH GLOBAL EVOLUTION SERIES 19INCH NON TOUCH (4:3 Aspect Ratio)	\$1,398.00
DSEV191	TECH GLOBAL EVOLUTION SERIES 19INCH WITH TOUCH (4:3 Aspect Ratio)	\$1,598.00
DSTG221	TECH GLOBAL EVOLUTION SERIES 22INCH NON TOUCH (Wide, 16:9 Aspect Ratio)	\$2,498.00
DSEV221	TECH GLOBAL EVOLUTION SERIES 22INCH WITH TOUCH (Wide, 16:9 Aspect Ratio)	\$3,378.00

<b>Audio:</b>		
DDN9493	MIP5000 Enhanced Model USB Headset Jackbox Supports 1 Plantronics two prong headset base and quick disconnect top, 1 footswitch BLN6732 and 1 gooseneck Microphone B1914, also provides port for Call Director, logging Recorder or External Pager port.	\$575.00
B1914	MCC Series Desktop Gooseneck Microphone Provides one desktop style microphone. Includes transmit and monitor buttons, an 18" gooseneck shaft and a 10 foot cable. Compatible for use near CRT monitors.	\$250.00
BLN6732	Foot, Switch Tradition	\$135.00

For technical training of Motorola products, please visit:

<https://learning.motorolasolutions.com/>

**MIP™ 5000 VoIP RADIO CONSOLE**

**Accessories**

**RESELLER PRICES**

<b>Model Number</b>	<b>Description</b>	<b>MSRP</b>
<b>MOTOTRBO Gateway Radio Interface Cable:</b>		
DDN9867	MOTOTRBO XPR4550 and XPR 5550 Direct Connect Cable	\$159.00
<b>Digital GW Radio Interface Cables:</b>		
DDN1463	APX 7500 Mobile Direct Connect Cable	\$230.00
DDN8350	MCS2000 III Direct Connect Cable	\$200.00
DDN8351	Consolette W9 Direct Connect Cable	\$100.00
DDN8352	CDM1550 Series Direct Connect Cable	\$100.00
<b>Local GW Radio Interface Cables:</b>		
DDN6338	Radio Interface Cable 4 Use with MAXTRAC, M1225, SM50, SM120, CDM1550 - For connecting MAXTRAC, M1225, SM50, SM120, CDM750, CDM1250, and CDM1550 family radios with Local Junction Box (DDN6337) and TRC/DC Remote	\$72.00
DDN6340	Generic Radio Cable with Unterminated Bare Leads - For use with Local Junction Box (DDN6337) and TRC/DC Remote Adapters (L3276/L3277). Provides 10 Ft. cable with DB 25 connector on one end.	\$50.00
DDN6699	Radio Interface Cable For the MCS2000	\$138.00
<b>Headset Tops: (pick at least 1 headset top)</b>		
RMN5077	Supraplus Single Muff Headset	\$110.00
RMN5078	Supraplus NC Single Muff Headset	\$149.00
RMN5079	Supraplus Dual Muff Headset	\$117.00
RMN5080	Supraplus NC Dual Muff Headset	\$139.00
<b>Headset Bases: (1 per operator position)</b>		
RLN6098	HDST Module Base w/ PTT, 15' Cbl	\$210.00
RLN6099	HDST Module Base w/ PTT, 25' Cbl	\$242.00
<b>RackMount Kit:</b>		
DDN8900	MIP5000 Rackmount Kit ( Holds maximum of 2 gateways)	\$225.00

# US VERSION

## MONITORING & CONTROL NETWORK (MCN) FOR MIP 5000 CONSOLE

### RESELLER PRICES

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The MIP 5000 console system now supports Auxiliary I/Os via CTI's Monitoring ControlNetwork Remote Comparator Display (MCN RCD) Client Server Software. This software provides real-time monitoring and control for a wide range of devices including doors, alarms, light switches, and other general purpose Auxiliary I/O applications. In addition, the MCN RCD system supports comparator/voting displays at the MIP 5000 console operator position. The MCN RCD Client Server Software is an IP based solution and can run on the same network as the MIP 5000 console. The MCN RCD system consists of two parts: The MCN RCD Server Software with HIB-IP Module and the specific interface module for the application. The interface module(s) can be General Purpose I/Os, Comparator module, or a combination of the two. The paired solution between the MIP 5000 console and the MCN RCD Client Server Software can support up to 192 inputs and 128 outputs.

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#### Ordering Requirements:

##### STEP 1:

Order the MCN RCD Software with HIB-IP, DDN1388 – this will allow up to 4 MIP 5000 operator positions (clients) to share the I/O module status. If more than 4 operator positions are required, then the MCN SW Lic Opt Client Expansion for 4 Add'l Clients, DDN1295 is required.

##### STEP 2:

Order 1 power supply CDN6116 with every HIB-IP Module.

##### STEP 3:

Order the appropriate modules for the application. A maximum of 16 modules can be supported per HIB-IP.

- For General Purpose Aux I/Os, order DDN1385 (GPIO). Each DDN1385A can control 12 inputs and 8 outputs.
- For interfacing to ASTRO-TAC Comparators, order CDN6119 (AIB).
- For interfacing to SPECTRA-TAC Comparator, order CDN6121 (CIB).

##### STEP 4:

Order 1 power supply, CDN6116, for every 4 modules ordered in Step 3.

- Example 1: If you order 2 DDN1385 and 2 CDN6119, then order 1 CDN6116.
- Example 2: If you order 3 DDN1385 and 2 CDN6121, then order 2 CDN6116.

##### STEP 5:

Order the same number of network cables as the Quantity of modules ordered in Step 3. The following Network cable lengths are available:

- CABLE ASSY NETWORK 9 INCHES, CDN6123
- CABLE ASSY NETWORK 3 FT, CDN6124
- CABLE ASSY NETWORK 10 FT, CDN6125
- CABLE ASSY NETWORK 25 FT, CDN6126
- CABLE ASSY NETWORK 100 FT, CDN6127

Note: If rack mounting, the 9 inch cable should be used from module to module. To connect between rackmount shelves, the 3 FT cable should be used.

##### STEP 6:

Order 2 Network Terminator's, CDN6115, for every HIB (DDN1388) ordered in Step 1.

##### STEP 7:

Order appropriate cabling for modules:

For each GPIO and CIB module ordered in Step 3, order:

- 1 PUNCH BLOCK DUAL 25 PAIR, CDN6118
- 1 CABLE ASSY 25 PR M-NONE 25FT, CDN6135

And 1 of the cables below:

- CBL ASSY 25 PR MALE-MALE 10 FT, CDN6129

**OR**

- CBL ASSY 25 PR MALE-MALE 25 FT, CDN6130

For each AIB module ordered in Step 3, order CBL ASSY AIB COMPARATOR 10 FT, CDN6131

Order 1 CABLE KIT HIB PC AT/XT 6 FT, DDN6132 for every system

**STEP 8:**

It's recommended to order the appropriate manual for modules ordered in Step 1 and Step 3, manuals are not included with Modules.

Manuals for Modules in Step 1 – Both manuals are needed for DDN1388

- HIB HARDWARE GUIDE, CDN6110
- MCN SERVER SOFTWARE MANUAL DDN1402

Manuals for Modules in Step 3

- GPIO HARDWARE GUIDE, DDN1386
- AIB HARDWARE GUIDE, CDN6107
- CIB HARDWARE GUIDE, CDN6109

**STEP 9: (Optional)**

Order the appropriate quantity of rackmount shelves for modules ordered in Step 1 and Step 3.

- **DDN1387 is available to rackmount the MCN RCD HIB MODULE. Each rackmount will support 1 DDN1388 (Step 1) and two additional GPIO, AIB or CIB modules (Step 3).**

- Additional rackmount shelves for the GPIO, AIB or CIB modules ordered in Step 3, can be purchased with part number CDN6112. Each CDN6112 can support up to 4 modules.

MODEL NUMBER	DESCRIPTION	MSRP
<b><u>MCN Modules</u></b>		
DDN1388	MCN RCD Software and HIB-IP Module	\$7,000.00
DDN1385	MCN GPIO-1208C Input/Output Module	\$1,075.00
CDN6119	AIB ASTROTAC Interface Module	\$1,900.00
CDN6121	CIB Comparator Interface Module	\$775.00
<b><u>Software Expansion</u></b>		
DDN1295	MCN SW LIC OPT Client Expansion for 4 Additional Clients	\$2,765.00
<b><u>Power Supply</u></b>		
CDN6116	Power Supply MCN120 VAC	\$84.00
<b><u>Network Cables and Terminators</u></b>		
CDN6123	Cable Accessory Network, 9 IN	\$21.00
CDN6124	Cable Accessory Network, 3 FT	\$21.00
CDN6125	Cable Accessory Network, 10 FT	\$21.00
CDN6126	Cable Accessory Network, 25 FT	\$38.00
CDN6127	Cable Accessory Network, 100 FT	\$92.00
CDN6115	Network Terminator (Standard 78K Systems)	\$10.00
<b><u>Parallel Input/Output Cables</u></b>		
CDN6129	Cable Accessory, 25 PR Male-Male, 10 FT	\$36.00
CDN6130	Cable Accessory, 25 PR Male-Male, 25 FT	\$55.00

**Serial Cables**

CDN6132	Cable Kit HIB PC AT/XT, 6 FT	\$30.00
CDN6131	Cable Accessory AIB Comparator, 10 FT	\$55.00

**Manuals**

CDN6110	HIB Hardware Guide	\$20.00
DDN1402	MCN Server Software Manual	\$28.00
DDN1386	GPIO Hardware Guide	\$20.00
CDN6107	AIB Hardware Guide	\$20.00
CDN6109	CIB Hardware Guide	\$20.00

**Rack Mounting**

DDN1387	MCN Accessory Rack Mount Kit Dual A + B	\$75.00
CDN6112	Rack Mount Quad Size A	\$78.00

# US VERSION

## WAVE

Notice: Bulk (volume) discounts will no longer be applied starting 5/10/22. All current discounts will be grandfathered.

### DEALER PRICING - AGENT MODEL (Motorola Invoices End customer)

#### GENERAL INFORMATION

WAVE is a Software as a Service SaaS offering that doesn't require any advanced setup or quoting. There are multiple subscription types with WAVE:

- WAVE PTT App
- WAVE Two-Way Radio
- WAVE PTT Dispatch
- WAVE Critical Communications Feature Set
- WAVE PTT LMR Interop Add-on

For Wave device registration, please visit: [www.waveoncloud.com](http://www.waveoncloud.com)



#### WARRANTY

WAVE is a best effort service. Support is available 8X5 for customers with a current subscription. All pricing is based a Per User Per Month (PUPM) Warranty Service, please contact Motorola Technical Support at 800-927-2744 # 3, 5, 3.

MODEL NUMBER	DESCRIPTION	MSRP
<b>WAVE Standard Features</b>		
<b>WAVE PTT Mobile App (for Android &amp; iOS)</b>		
N/A	Wave PTT Mobile App - Monthly subscription	\$ 8.00
	<i>Optional Add Ons</i>	
N/A	WAVE PTT LMR Interop Add On	\$ 3.00
N/A	WAVE Streaming Video Mobile Add on - Monthly Subscription	\$ 14.00
<b>WAVE PTT Dispatch</b>		
N/A	WAVE Dispatch - Monthly Subscription	\$ 32.00
	<i>Optional Add Ons</i>	
N/A	WAVE PTT LMR Interop Add On	\$ 3.00
N/A	WAVE Streaming Video Dispatch Add on - Monthly Subscription	\$ 130.00
<b>TLK 100</b>		
	<b>WAVE Two-Way Radio (TLK100) Month to Month Plan</b>	
	End Customer Device Cost (One-time)	\$ 350.00
	Monthly WAVE Service Subscription	\$ 25.00
	<b>WAVE Two-Way Radio (TLK100) 30 Month Plan</b>	
	TLK Monthly Hardware Fee (\$0 after 30 months)	\$ -
	Monthly WAVE Service Subscription	\$ 25.00
<b>TLK 150</b>		
	<b>WAVE Two-Way Radio (TLK150) Month to Month Plan</b>	
	End Customer Device Cost (One-time)	\$ 450.00
	Monthly WAVE Service Subscription	\$ 25.00
	<b>WAVE Two-Way Radio (TLK150) 30 Month Plan</b>	
	End Customer Device Cost (One-time)	\$150 (billed by partner)
	TLK Monthly Hardware Fee (\$0 after 30 months)	\$ 10.00
Monthly WAVE Service Subscription	\$ 25.00	
	<i>Optional Add Ons</i>	
N/A	WAVE PTT LMR Interop Add On - <b>REDUCED PRICING STARTING 10/08/21</b>	\$ 3.00
<b>WAVE MOTOTRBO Radio (XPR 7000e, XPR 5000e, SL 7000e Series)</b>		
N/A	MOTOTRBO XPR 7000e, XPR 5000e, SL 7000e series Monthly Subscription (New	\$ 8.00

#### WAVE SafeGuard Features

<b>WAVE PTT Mobile App (for Android &amp; iOS)</b>		
N/A	Wave PTT Mobile App with SafeGuard - Monthly subscription	\$ 13.00
	<i>Optional Add Ons</i>	
N/A	WAVE Streaming Video Mobile Add on - Monthly Subscription	\$ 14.00
<b>WAVE PTT Dispatch</b>		
N/A	Wave PTT Dispatch with SafeGuard - Monthly Subscription	\$ 70.00
	<i>Optional Add Ons</i>	

N/A	WAVE Streaming Video Dispatch Add on - Monthly Subscription	\$	130.00
<b>TLK 100</b>			
	<b>WAVE Two-Way Radio (TLK100) Month to Month Plan</b>		
	End Customer Device Cost (One-time)	\$	350.00
	Monthly WAVE Service Subscription	\$	30.00
<b>WAVE Two-Way Radio (TLK100) 30 Month Plan</b>			
	TLK Monthly Hardware Fee (\$0 after 30 months)	\$	10.00
	Monthly WAVE Service Subscription	\$	30.00
<b>TLK 150</b>			
	<b>WAVE Two-Way Radio (TLK150) Month to Month Plan</b>		
	End Customer Device Cost (One-time)	\$	450.00
	Monthly WAVE Service Subscription	\$	30.00
<b>WAVE Two-Way Radio (TLK150) 30 Month Plan</b>			
	End Customer Device Cost (One-time)		\$150 (billed by partner)
	TLK Monthly Hardware Fee (\$0 after 30 months)	\$	10.00
	Monthly WAVE Service Subscription	\$	30.00
<b>LMR Interoperability</b>			
<b>LMR Interop Gateway</b>			
<del>TT3182A</del>	<del>WAVE Gateway</del>	<del>\$</del>	<del>650.00</del>
TT3705A	WAVE Gateway	\$	850.00
<b>LMR Interop Managed Services</b>			
HKVN4830A	TIER 1 LMR Multitentant Gateway <b>HP Prodesk 400 G5 or equivalent**1</b>	N/A	
HKVN4831A	TIER 2 LMR Multitentant Gateway <b>HP DL360 Gen10 or equivalent**2</b>	N/A	
HKVN4832A	TIER 3 LMR Multitentant Gateway <b>HP DL380 or equivalent**3</b>	N/A	
HKVN4848A	ONBOARDING OF ROIP GATEWAY	N/A	

# US VERSION

## WAVE

### DEALER PRICING - AGENT MODEL (Motorola Invoices End customer)

#### GENERAL INFORMATION

WAVE is a Software as a Service SaaS offering that doesn't require any advanced setup or quoting. There are multiple subscription types with WAVE:

- WAVE PTT App
- WAVE Two-Way Radio
- WAVE PTT Dispatch
- WAVE Critical Communications Feature Set
- WAVE PTT LMR Interop Add-on

For Wave device registration, please visit: [www.waveoncloud.com](http://www.waveoncloud.com)

#### WARRANTY

WAVE is a best effort service. Support is available 8X5 for customers with a current subscription. All pricing is based a Per User Per Month (PUPM) Warranty Service, please contact Motorola Technical Support at 800-927-2744 # 3, 5, 3.

MODEL NUMBER	DESCRIPTION	MSRP
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#### WAVE Standard Features

WAVE PTT Mobile App (for Android & iOS)		
N/A	Wave PTT Mobile App - Monthly subscription	\$ 8.00
	<i>Optional Add Ons</i>	
N/A	WAVE PTT LMR Interop Add On - <b>REDUCED PRICING STARTING 10/08/21</b>	\$5 \$3
N/A	WAVE Streaming Video Mobile Add on - Monthly Subscription	\$ 14.00

WAVE PTT Dispatch		
N/A	WAVE Dispatch - Monthly Subscription	\$ 32.00
	<i>Optional Add Ons</i>	
N/A	WAVE PTT LMR Interop Add On - <b>REDUCED PRICING STARTING 10/08/21</b>	\$5 \$3
N/A	WAVE Streaming Video Dispatch Add on - Monthly Subscription	\$ 130.00

WAVE Two-Way Radio (TLK100/150)		
N/A	WAVE Two-Way Radio - Monthly subscription	\$ 35.00
N/A	WAVE Two-Way Radio 2 Year contract - Monthly subscription	\$ 35.00
	<i>Optional Add Ons</i>	
N/A	WAVE PTT LMR Interop Add On - <b>REDUCED PRICING STARTING 10/08/21</b>	\$5 \$3

WAVE MOTOTRBO Radio (XPR 7000e, XPR 5000e, SL 7000e Series)		
N/A	MOTOTRBO XPR 7000e, XPR 5000e, SL 7000e series Monthly Subscription (New in MOTOTRBO)	\$ 8.00

#### WAVE SafeGuard Features

WAVE PTT Mobile App (for Android & iOS)		
N/A	Wave PTT Mobile App with SafeGuard - Monthly subscription	\$ 13.00
	<i>Optional Add Ons</i>	
N/A	WAVE Streaming Video Mobile Add on - Monthly Subscription	\$ 14.00

WAVE PTT Dispatch		
N/A	Wave PTT Dispatch with SafeGuard - Monthly Subscription	\$ 70.00
	<i>Optional Add Ons</i>	
N/A	WAVE Streaming Video Dispatch Add on - Monthly Subscription	\$ 130.00

WAVE Two-Way Radio (TLK100/150)		
N/A	WAVE Two-Way Radio - Monthly subscription	\$ 40.00
N/A	WAVE Two-Way Radio 2 Year contract - Monthly subscription	\$ 40.00
	*Software version R2.0 of the TLK devices is needed for this package	

#### LMR Interoperability

LMR Interop Gateway		
TT3182A	WAVE Gateway	<del>\$ 650.00</del>
TT3705A	WAVE Gateway	\$ 850.00

LMR Interop Managed Services		
HKVN4830A	TIER 1 LMR Multitentant Gateway <b>HP Prodesk 400 G5 or equivalent**1</b>	N/A
HKVN4831A	TIER 2 LMR Multitentant Gateway <b>HP DL360 Gen10 or equivalent**2</b>	N/A
HKVN4832A	TIER 3 LMR Multitentant Gateway <b>HP DL380 or equivalent**3</b>	N/A
HKVN4848A	ONBOARDING OF ROIP GATEWAY	N/A

# US VERSION

## WAVE

### DEALER PRICING - RESELLER MODEL (Motorola invoices Reseller, Reseller Invoices end customer)

#### GENERAL INFORMATION

WAVE is a Software as a Service SaaS offering that doesn't require any advanced setup or quoting. There are multiple subscription types with WAVE:

- WAVE PTT App
- WAVE Two-Way Radio
- WAVE PTT Dispatch
- WAVE PTT LMR Interop Add-on
- Wave Streaming Video Add-on

For Wave device registration, please visit: [www.waveoncloud.com](http://www.waveoncloud.com)

#### WARRANTY

WAVE is a best effort service. Support is available 8X5 for customers with a current subscription. All pricing is based a Per User Per Month (PUPM) Warranty Service, please contact Motorola Technical Support at 800-927-2744 # 3, 5, 3.

MODEL NUMBER	DESCRIPTION	MAP
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#### WAVE Standard Features

##### WAVE PTT Mobile App (for Android & iOS)

N/A	Wave PTT Mobile App - Monthly subscription	\$ 8.00
	<i>Optional Add Ons</i>	
N/A	WAVE PTT LMR Interop Add On - <b>REDUCED PRICING STARTING 10/08/21</b>	\$5 \$3
N/A	WAVE Streaming Video Mobile Add on - Monthly Subscription	\$ 14.00

##### WAVE PTT Dispatch

N/A	WAVE Dispatch - Monthly Subscription	\$ 32.00
	<i>Optional Add Ons</i>	
N/A	WAVE PTT LMR Interop Add On - <b>REDUCED PRICING STARTING 10/08/21</b>	\$5 \$3
N/A	WAVE Streaming Video Dispatch Add on - Monthly Subscription	\$ 130.00

##### WAVE Two-Way Radio (TLK100/150)

N/A	WAVE Two-Way Radio 2 Year contract - Monthly subscription	\$ 35.00
	<i>Optional Add Ons</i>	
N/A	WAVE PTT LMR Interop Add On - <b>REDUCED PRICING STARTING 10/08/21</b>	\$5 \$3

#### WAVE SafeGuard Features

##### WAVE PTT Mobile App (for Android & iOS)

N/A	Wave PTT Mobile App with SafeGuard - Monthly subscription	
	<i>Optional Add Ons</i>	
N/A	WAVE Streaming Video Mobile Add on - Monthly Subscription	

##### WAVE PTT Dispatch

N/A	Wave PTT Dispatch with SafeGuard - Monthly Subscription	
	<i>Optional Add Ons</i>	
N/A	WAVE Streaming Video Dispatch Add on - Monthly Subscription	\$ 130.00

##### WAVE Two-Way Radio (TLK100/150)

N/A	WAVE Two-Way Radio 2 Year contract - Monthly subscription	
	*Software version R2.0 of the TLK devices is needed for this package	

#### Other

##### WAVE MOTOTRBO Radio (XPR 7000e, XPR 5000e, SL 7000e Series)

N/A	MOTOTRBO XPR 7000e, XPR 5000e, SL 7000e series Monthly Subscription (New in MOTOTRBO)	\$ 8.00
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##### LMR Interop Managed Services

HKVN4830A	TIER 1 LMR Multitentant Gateway <b>HP Prodesk 400 G5 or equivalent**1</b>	N/A
HKVN4831A	TIER 2 LMR Multitentant Gateway <b>HP DL360 Gen10 or equivalent**2</b>	N/A
HKVN4832A	TIER 3 LMR Multitentant Gateway <b>HP DL380 or equivalent**3</b>	N/A
HKVN4848A	ONBOARDING OF ROIP GATEWAY	N/A

\*TIERED PRICING APPLIES PER PRICING PLAN AND NOT PER RESELLER ACCOUNT. PRICING PER SUBSCRIBER PER TIER APPLIES AS STEPS



**\*\*1- TIER 1 Minimum Requirement**

- Processor family - Intel 9th generation Core i5 (recommended i5-8500T/9500T)
- Process cores - 4/6 core with 2.2 Ghz
- RAM - 8GB DDR4
- Storage - 250GB SSD
- Networking - 1 NIC
- Remote management - Remote desktop connectivity
- Support - As per customer requirement
- Software requirement (customer to provide license keys only) Windows 10 Pro OS, the OS is required to be pre-installed by customer before initiating configuration request to MSI.

**\*\*2- TIER 2 Minimum Requirement**

- Processor family - Intel Xeon Scalable series (recommended 5218/5220)
- Process cores - 8 core with 2.2/2.4 Ghz+
- RAM - 16GB DDR4
- Storage - 500GB (10K speed HDD)
- Networking - 2 NICs
- Power supply - Redundant
- Remote management - HPE iLO Advanced (\$)
- Support - As per customer requirement
- Software requirement (customer to provide license keys only) Windows OS 2016 Standard Server license, the OS is not required to be pre-installed by customer. MSI will remotely install the OS.

**\*\*3- TIER 3 Minimum Requirement**

- Processor family - Intel Xeon Scalable series (recommended 5218/5220)
- Process cores - 16/18 core with 2.2/2.4 Ghz+
- RAM - 64GB DDR4
- Storage - 2TB (10K speed HDD)
- Networking - 4+ NICs (depends upon type of TRBO system)
- Power supply - Redundant
- Remote management - HPE iLO Advanced (\$)
- Support - As per customer requirement
- Software requirements - customer to provide license keys only: VMWare ESxi license (v6.5) and Windows OS 2016 Standard Server license, the OS is not required to be pre-installed by customer. MSI will remotely install the OS.

MSI recommendation: HPE ProLiant DL380 Gen10 Server

# US VERSION

## LEX L11 MISSION CRITICAL CERTIFIED FOR ATT/FIRSTNET NETWORK/VERIZON

The LEX L11 Mission-Critical LTE Device is designed with first responders in mind; it's the result of our tireless quest to understand the way you actually work. Every feature and function is thoughtfully considered, from the rugged, easy to operate design to the always loud and clear audio to the advanced end to end secure mobile platform and the enhanced accessibility provided by a suite of accessories. Rugged and durable yet streamlined and slim, you can count on the LEX L11 to perform when it's needed most. When hardware, software, and accessories work seamlessly together, the result is a device that works seamlessly for you.

### RESELLER PRICE PAGES

**Standard Package Includes:**  
 Ruggedized LEX L11 Handset with Android 11 OS  
 5.0" touch screen  
 Standard - 2500 mAh removable battery (10 hours)  
 Charging / Data cable  
 Heavy-Duty 6W AC charger  
 Quick Start guide  
 1 Year Warranty

### UNIQUE DESIGN WITH UNIQUE APPLICATIONS

<p><b>INTUITIVE CONTROLS MAKE OPERATION NATURAL</b>  <b>BEST-IN-CLASS AUDIO QUALITY AND PERFORMANCE</b>  <b>OUTPERFORMS EVEN IN THE HARSHTEST ENVIRONMENTS</b>  <b>END-TO-END SECURE MOBILE PLATFORM</b>  <b>RADIO COLLABORATION</b>  <b>ACCESSORIES SUITE</b></p>	<p><b>ORDERING EXAMPLE OF LEX L11</b>  <b>LINE ITEM 1:</b>                  1. HK2108: LEX L11 HANDHELD                      1a. QA07392AA: ALT: IMPRES2 Li-Ion 5000 mah Battery (OPTIONAL)                      1b. VA00898AA: 3YR ESSENTIAL SERVICE  <b>LINE ITEM 2:</b>                  2. HKVN4631A: 3 YEAR SOFTWARE SUBSCRIPTION</p>
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LEX L11 LTE DEVICE RESOURCES: [https://www.motorolasolutions.com/en\\_us/products/lte-user-devices/lexl11.html#tabproductinfo](https://www.motorolasolutions.com/en_us/products/lte-user-devices/lexl11.html#tabproductinfo)

Model:	Description	APC	MSRP
<b>STEP 1: MODEL</b>			
HK2108A	LEX L11 HANDHELD	APC: 171	\$1,000.00
<b>STEP 2: BATTERY OPTIONS (OPTIONAL)</b>			
If no battery option is selected, the LEX L11 will ship with the standard 2500 MAH battery.			
Selecting this option replaces the standard battery and battery cover with the high capacity battery and battery cover.			
QA07392AA	ADD: High Capacity Battery & Back Cover	APC: 790	\$ 50.00
<b>STEP 3: OTHER DEVICE OPTIONS (OPTIONAL)</b>			
Select one of these options if required. NOTE: The Black options (QA028502T) is not stocked at the Distribution Center, so longer lead times will be incurred for this device. TAA model will ship in APRIL (16-22 weeks lead time)			
Note: The Black option (QA028502T) is not stocked at the Distribution Center, so longer lead times will be incurred for this device			
<b>LEXL11 TRADE AGREEMENT ACT MODEL</b>			
THIS OPTION IS FOR CUSTOMERS THAT REQUIRED COMPLIANCE WITH THE TRADE AGREEMENT ACT			
QA02850UM		APC: 790	\$ 100.00
<b>LEXL11 BLACK COVERT MODEL</b>			
QA02850ZT	THIS CONFIGURATION INCLUDES BLACK EMERGENCY BUTTON, NO GREEN RING ROUND THE PTT BUTTON OR CAMERA AND NO WHITE LINE	APC: 790	\$ 50.00
<b>STEP 4: SFS OPTIONS (MUST SELECT ONE)</b>			
The LEX L11 has choices for service & repair coverage levels.			
Select Essential Service with fast repair turnaround time,			
add on Accidental Damage to protect your investment, or choose the standard one year warranty.			
VA00898AA	3YR ESSENTIAL SERVICE	APC: 185	\$ 38.00
VA00906AA	3YR ESSENTIAL SERVICE W ACCIDENT DAMAGE	APC: 185	\$ 90.00
VA00899AA	5YR ESSENTIAL SERVICE	APC: 185	\$ 74.00
VA00907AA	5YR ESSENTIAL SERVICE W ACCIDENT DAMAGE	APC: 185	\$ 180.00
QA06507AC	DEL: NO ESSENTIAL STANDARD WARRANTY APPLIES	APC: 185	
<b>STEP 5: SOFTWARE SUBSCRIPTION (MUST BE ORDERED)</b>			
Note: This software must be ordered or the device will not have access to software updates			
Qty 1 per order is sufficient for any qty of devices, but every order must include this line item.			
HKVN4631A	3 YEAR SOFTWARE SUBSCRIPTION	APC: 206	
<b>AFTERMARKET ACCESSORIES</b>			
HN001154A01	Standard Battery Back Cover	APC: 790	\$12.00
PMNN4545A	Battery IMPRES2 LIION 2500	APC: 453	\$99.75
HN001155A01	High Capacity Battery Back Cover	APC: 790	\$15.00
PMNN4546A	Battery IMPRES2 LIION 5000	APC: 453	\$131.25
PMPN4349A	Charger Desktop Multi Unit IMPRES 2 1 Display EXT PS US (12 SLOT) (Each slot can accommodate a device with standard or high cap)	APC: 785	\$1,620.00
PMPN4359A	Charger Desktop Dual Unit IMPRES 2 EXT PS NA (Includes 2 charging slots: 1 slot accommodates the device with either standard or h	APC: 785	\$108.00
CB000756A01	CABLE,1000 MM,LEX L11 USBA TO USBC Works with wall charger PS000150A351 (purchased separately)	APC: 785	\$20.00
CB000754A01	CABLE,1000 MM,LEX L11 USBC TO USBC Works with wall charge PS000278A01 (purchased separately).	APC: 790	\$40.00
HN001197A01	MICRO SD PLUG (package of 15)	APC: 790	\$10.00
HN001195A01	NANO SIM DOOR TRAY (PACKAGE OF 5)	APC: 790	\$10.00
PMLN7779A	Vehicular Charging Cable	APC: 785	\$64.80
PMLN7845A	Carry Holster (The holster includes a Peter Jones stud. Please select one of the following Peter Jones Attachment clips for the holster)	APC: 271	\$54.00
PMLN7540	3.5mm earbud with inline microphone and push-to-talk	APC: 607	\$24.84
PMLN7541	3.5mm two-wire earpiece with translucent tube	APC: 607	\$74.52
PMLN7912	Accessory Kit, CHGR Vehicular, with Suction Base (Includes a vehicular cradle and Ram mount. Vehicular charging Cable (PMLN7779A) shou	APC: 608	\$108.00
GMDN0497A	PETER JONES BELT DOCK 38MM ( this belt dock can be used with belts 38mm in width)	APC: 607	\$12.42
GMDN0566AC	PETER JONES BELT LOOP 50MM AND DOCK (Includes a leather loop for belts up to 50mm in width)	APC: 607	\$30.24
WALN4307A	PETER JONES SCREW MOUNT (Used with garments that accommodate screw-to-fit docks)	APC: 607	\$19.44
GMDN0386A	CARRY CASE ASSEMBLY, CLAMSHELL (Sew-on dock for mounting on uniforms, body armor, and other clothing types)	APC: 607	\$14.04
PS000278A01	PS WALL 100-240V FIXED BLADE US/JP PPS L6 USB-C Use this Wall Charger with CB000754A01 Quick Charging W	APC: 785	\$23.76
PS000150A31	PS WALL 240VAC UNIVERSAL US/JPN ADAPTER 5VDC/1.5A L6 USB-A DETACHABLE Use this Wall Charger with CB000756A01 Stand	APC: 785	\$16.20

### MSI DEVICE APPLICATIONS

WAVE Tactical Please contact the Product Manager: [matthew.dedecker@motorolasolutions.com](mailto:matthew.dedecker@motorolasolutions.com)  
 KODIAK/EPTT Please contact the Product Manager: [Dave.lafferty@motorolasolutions.com](mailto:Dave.lafferty@motorolasolutions.com)  
 CRYPTR MICRO Please visit the CRPTR MICRO PCAT Page [https://aem-prod-author.motorolasolutions.com/content/msi/catalog/dup/products/cryptr\\_micro/cryptr\\_micro.print.html?wcmode=disabled](https://aem-prod-author.motorolasolutions.com/content/msi/catalog/dup/products/cryptr_micro/cryptr_micro.print.html?wcmode=disabled)

### RESOURCES INFORMATION FOR LEX L11

**SALES REFERENCE MATERIALS:**

LEX L11 PRODUCT DETAIL PAGE: [www.motorolasolutions.com/lexl11](http://www.motorolasolutions.com/lexl11)

**MARKETING AND SALES COLLATERAL:** [www.motorolasolutions.com/sales](http://www.motorolasolutions.com/sales)

Log in using core ID and password then navigate to the LEX L11 product detail page

**PRODUCT MANAGER: JUDY WALKER**

[Judy.walker@motorolasolutions.com](mailto:Judy.walker@motorolasolutions.com)

[847-576-1285](tel:847-576-1285)

# US VERSION

## VML 750 LTE VEHICLE MODEM

VML750 LTE Vehicle Modem harnesses the power of Verizon 3G/4G LTE and Band 14 Public Safety LTE, providing high speed data with the priority, control, security and performance required by Government & Public Safety agencies and may also be used to empower employees in operations-critical roles at business and industrial enterprises.

### RESELLER VERSION

#### UNIQUE DESIGN

Supports 2 SIM cards for Verizon 3G/4G LTE, Private LTE B20 network and Public Safety LTE B14 for FirstNet  
 Roof-mounted external antennas with Multiple-In-Multiple-Out (MIMO) configuration for extend range and data speed  
 Mobile WiFi 802.11b/g/n 2.4 GHz Access Point supports up to 32 simultaneous users with 164 ft (50 m) line-of-sight range  
 Flexible mounting options for installation in a mass transit bus, school bus, utility truck, patrol car, fire apparatus or ambulance.  
 Built-in GPS with vehicle tracking, route optimization and integration of Computer Aided Dispatch (CAD) services  
 MIL-STD 810G rated ruggedized design withstands heat, cold, rain, humidity, dust and vibration  
 IP66 sealed for protection against tight dust and powerful water jets  
 Wired Connectivity: 1 Ethernet port (10/100 Mbps, RJ-45) and 1 USB 2.0 port  
 Optional CRYPTR FIPS-140-2 compliant security storage module

#### APPLICATION EXAMPLES

Mass Transit Buses and Trains - real time location tracking with live video feed or internet access for passengers  
 School Bus - real time location tracking with live video feed and student boarding and departure record  
 Utility Truck - high speed work ticket updates with instant status reports  
 Private security patrol car - real time location tracking, live video and inspection reports  
 Ambulance - access patient records, medical history, insurance information and transmit vital statistics while still in route  
 Limousine Service - provide Wi-Fi connection for high profile clients, especially for international business travelers who need data service

For more information, please visit: [http://www.motorolasolutions.com/en\\_us/products/lte-user-devices/vml750.html](http://www.motorolasolutions.com/en_us/products/lte-user-devices/vml750.html)

#### Sample Configuration for Verizon Wireless 3G/4G Network

Line 1	F0025	VML750 LTE VEHICULAR MODEM
1A	VA00190AA	VML750 VSM Hardware Option for R3.2
1B	VA00192AA	VML750 Verizon Wireless Software version R3.2
1C	VA00042AA	RJ45 LAN Cable
1D	VA00864AA	SFS: 2 YEAR SERVICE FROM THE START: BRONZE
Line 2	HKVN4256A	Verizon Wireless Software License
Line 3	T1740	VML750 MDT SOFTWARE
Line 4	F6789	VML 750 Antenna Kit
4A	VA00072AA	VML 750 Antenna Verizon Wireless 12 ft

MODEL	Description	MSRP
	<b>Main Model</b>	
F0025	VML750 LTE VEHICULAR MODEM	\$ 700.00
	<b>1. Hardware Version (Required)</b>	
VA00190AA	VML750 VSM OPTION FOR R3.2	\$ 1,000.00
	<b>2. Software Version (Required)</b>	
VA00192AA	VML750 SW VZW R3.2 (requires HKVN4256A)	\$ -
	<b>3. LAN Cable Options (choose 1 option)</b>	
VA00042AA	RJ45 LAN Cable Option	\$ 25.00
VA00045AA	USB Cable Option for VML750	\$ 40.00
	<b>4. Add: Extended Warranty Service</b>	
VA00860AA	<b>SFS: 3 YEAR SERVICE FROM THE START: ESSENTIAL PACKAGE</b> the time of device purchase) and rapid in-house product repair through Motorola's support centers and world-class service	\$ 135.00
VA00864AA	<b>SFS: 2 YEAR SERVICE FROM THE START: BRONZE</b>	\$ 100.00

the time of device purchase) and rapid in-house product repair through Motorola's support centers and world-class service

**Software License (Required)**

HKVN4256A	Verizon Wireless Software License	\$ 450.00
HKVN4257A	Public Safety LTE Band 14 License	\$ 300.00
HKVN4258A	Public Safety LTE Band 14 Upgrade License for switching from Verizon to work exclusively on a PSLTE B14 network.	\$ 300.00

T1740	VML750 Mobile Data Terminal Software	\$ -
	NOTE: For service on Motorola-provided Public Safety LTE Networks (example: Harris County), PS LTE SIM cards need to be ordered separately. Please ask your Channel Account Manager to connect you with the LTE Product Management to confirm if a SIM card purchase is necessary, and to discuss 2FF and/or 3FF SIM Profile Options. Price per SIM Profile Option is \$50 each. Volume discounts may apply.	

**Antenna Kits (Required)**

F6789	VML 750 Antenna Kit	\$ -
VA00072AA	VML750 Antenna Verizon Wireless 12 ft	\$ 225.00
VA00070AA	VML750 Antenna Verizon Wireless 17 ft	\$ 250.00
VA00131AA	Add Band 14 Antenna to Verizon Wireless 12 ft option	\$ 90.00
VA00132AA	Add Band 14 Antenna to Verizon Wireless 12 ft option	\$ 100.00
VA00133AA	Band 14 only 12 ft option	\$ 180.00
VA00134AA	Band 14 only 17 ft option	\$ 195.00
VA00135AA	Add Verizon Wireless to Band 14 antenna - 12 feet option	\$ 120.00
VA00136AA	Add Verizon Wireless to Band 14 antenna - 17 feet option	\$ 140.00
VA00137AA	Band 14 and Verizon Wireless antenna - 12 feet option	\$ 300.00
VA00138AA	Band 14 and Verizon Wireless antenna - 17 feet option	\$ 335.00

# US VERSION

## TLK 150 WAVE MOBILE LTE / Wi-Fi

### PRICES

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#### Standard Package Includes:

- Wideband Compact Microphone (PMMN4129A)
- LTE Dash/Glass Mount Antenna (AN00358A01)
- GNSS Dash/Glass Mount Antenna (AN00359A01)
- 10 ft Power Cable (HKN4137B)
- 3 Year Essential Repair and Radio Software

#### Main Radio Features:

Number of Talkgroups	96
Display	Monochrome
Menu Navigation Buttons	Yes
Front Programmable Buttons	2
Channel Up / Down Buttons	Yes
Control Station Operation	Yes
GPS	Yes
Wideband Audio	Yes
Dedicated Emergency/SOS Button	Yes
Dedicated Contact Button	Yes
WiFi	Yes
Cloud Device Management Capability	Yes



#### Software Features Included with WAVE Subscription:

WAVE SW Package Options	WAVE	WAVE SAFEGUARD
PTT (Private and Group Calls)	Yes	Yes
Presence (ON/OFFLINE)	Yes	Yes
Instant Personal Alert	Yes	Yes
Priority Talkgroup Scanning	Yes	Yes
Broadcast Calls	Yes	Yes
Geolocation	Yes	Yes
Emergency Calling and Alert	N/A	Yes
Ambient and Discreet Listening	N/A	Yes
User Check and Monitoring	N/A	Yes
Area Based Talkgroups	N/A	Yes
LMR Interoperability	Add On	Yes

#### Notes:

3 Years = Included for 3 years as part of Essential Service and Radio Software Package

FCC INFORMATION: AZ492FT7127

MODEL	MODEL DESCRIPTION	MSRP
HK2131A*	TLK 150, WAVE Two-Way Mobile - with <b>No Contract</b>	\$449.00
	TLK 150, WAVE Two-Way Mobile - with <b>30 Month Contract</b>	\$149.00

\* Price does not include WAVE Monthly Subscription. See below for Subscription Information.

**Options: TO COMPLETE AN ORDER YOU MUST CHOOSE ONE (1) OPTION**

**Essential Service Options:**

STD5MA0642 Standard 3 Year Essential Services N/C

**General Options:**

QA08230AA	Add: DIN Mount Kit	\$55.00
QA08231AA	Add: Low Profile Trunnion Kit	\$16.00
QA08232AA	Add: High Profile Trunnion Kit	\$21.00
QA08233AA	Add: Key Lock Trunnion Kit	\$122.00

**Subscriptions: YOU MUST CHOOSE ONE (1) MONTHLY SUBSCRIPTION**

WAVE Subscription Information:

[https://docs.google.com/spreadsheets/d/1mFGX4lqhZOva-kxvRNW5ASO\\_N5Mm61tB1QwFuhwL-U/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1mFGX4lqhZOva-kxvRNW5ASO_N5Mm61tB1QwFuhwL-U/edit?usp=sharing)

AFTERMARKET ACCESSORIES		APC	MSRP
<b>Audio:</b>			
GMMN4065	Visor Microphone (Omni-Direction)	189	\$62.64
PMMN4129	Wideband Compact Microphone	189	\$43.20
AC000240A0			
1	Wideband External Speaker	189	\$91.80
HLN9073	Microphone Hang-Up Clip (Requires Install)	706	\$1.19
HLN9414	Microphone Hang-Up Clip (No Install)	706	\$14.04
PMMN4127	WM500 Operation Critical Bluetooth RSM	372	\$208.44
<b>Antennas:</b>			
AN000359A0			
1	GNSS Dash Mount Antenna	554	\$21.55
AN000358A0			
1	LTE Antenna	554	\$28.03
<b>Cables:</b>			
HKN4137	Mobile Pwr Cable 10 FT, 14 AWG, 15A	189	\$19.44
HKN4192	Power Cable to Battery (20 feet, 20 amp)	706	\$47.52
HKN9327_R	Ignition Switch Cable	706	\$18.36
PMLN8153	Power Supply Adaptor and Cable, 15V	785	\$113.40
<b>Mounting:</b>			
FTN6083	DIN Mount Kit	706	\$59.40
RLN6466	Low Profile Trunnion Kit	706	\$17.28
RLN6467	High Profile Trunnion Kit	706	\$22.68
RLN6468	Key Lock Trunnion Kit	706	\$131.76
<b>Miscellaneous:</b>			
GLN7318	Desktop Tray Without Speaker	706	\$43.20
HLN9457	16 Pin MAP Connector Kit	706	\$7.51
RLN4836_R	External PTT with Emergency Footswitch	706	\$66.69
RLN4856	Remote Mount Footswitch PTT	706	\$86.40
RLN4857	Push Button with Remote PTT	706	\$41.58

For more information on WAVE products, see our WAVE Price Page here:

[WAVE Products Price Page](#)

**U.S. RESELLER**  
**RESELLER PRICES**

## **SLN 1000 Portable** **3.5 GHz Band OnGo**

### **Standard Package Includes:**

#### Key Features

- Standard Charger - Micro-USB Wall Charger (PS000150A11)
- LTE Stubby Antenna (HKAN4004A)
- Swivel Carry Holster (PMLN7932)
- Battery Door Cover (HKLN4678)
- 3 Year Essential Repair

### **Key features:**

- Purpose Built for OnGo 3.5 GHz Network Operation
- PTT Voice (WAVE client) over OnGo and WiFi
- Cloud based Portal Device Management
- Over the Air Programmable
- High Fidelity Wideband Audio
- WiFi 2.4 GHz and 5 GHz compatible
- Bluetooth Profiles HFP, SPP and BLE GATT support
- GNSS Support - GLONASS/Galileo/BeiDou support
- IP54 Rated (Dust and blowing rain)
- Dot Matrix Active View Display
- Single Pin Audio Interface (OPAI)
- Micro USB Charging
- 3FF size Removable SIM card slot

### **Notes:**

- Device is designed for use with WAVE OnCloud PTT Services
- For Nitro Network Connectivity, Motorola Solutions Profile SIM must be purchased separately



<b>BAND</b>	<b>MODEL</b>	<b>MODEL DESCRIPTION</b>	<b>MSRP</b>
3.5 GHZ	HK2120A	SLN 1000 TWO-WAY RADIO	\$583.33

FCC INFORMATION: AZ489F7123

### **Options: TO COMPLETE AN ORDER YOU MUST SELECT ONE (1) CHOICE**

The SLN 1000 portables ship with a Standard 3-Year Software and Repair option that covers parts and labor warranty coverage. Essential with Accidental Damage can be purchased to add coverage for accidental breakage and liquid damage.

### **Essential Repair Options:**



STDESS0436A 3 Year Essential Repair

QA0436AA ADD: 3 Year Accidental Damage

Repair coverage is expanded to include chemical, liquid and physical damage for the 3 year term on your Motorola Solutions portable or mobile subscriber radio. Essential with Accidental Damage starts upon purchase. Repairs will be made at the designated Motorola repair depot. Local pickup or repair charges are not included. Motorola Solutions will pay inbound shipping charges only with use of the Motorola Online return process. Motorola will pay outbound shipping charges via normal shipping methods. No discounts are

**Nitro Sim Option: (Optional Selection)**

QA07787AA ADD: NITRO SIM CARD

\* SIM CARD OPTION ONLY REQUIRED FOR OPERATION ON NITRO CBRS NETWORKS

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## US VERSION

## TLK 100 WAVE PORTABLE LTE / Wi-Fi

### Standard Package Includes:

- LTE Stubby Antenna (HKAN4002A)
- 2300T Li-Ion Battery (PMNN4468A)
- Micro USB Wall Charger (PS000150A11)
- Battery Door Cover (HKLN4678A)
- Swivel Carry Holster (PMLN7932A)
- 3 Year Essential Repair and Radio Software

### Main Radio Features:

Number of Talkgroups	96
Display	Active View Display
Side Programmable Buttons	1
Channel Up / Down Button	Yes
GPS	Yes
Dedicated Emergency/SOS Button	No
WiFi	Yes
Bluetooth	Yes
Cloud Device Management Capability	Yes

### Software Features Included with WAVE Subscription:

WAVE SW Package Options	WAVE	WAVE SAFEGUARD
PTT (Private and Group Calls)	Yes	Yes
Presence (ON/OFFLINE)	Yes	Yes
Instant Personal Alert	Yes	Yes
Priority Talkgroup Scanning	Yes	Yes
Broadcast Calls	Yes	Yes
Geolocation	Yes	Yes
Emergency Calling and Alert	N/A	Yes
Ambient and Discreet Listening	N/A	Yes
User Check and Monitoring	N/A	Yes
Area Based Talkgroups	N/A	Yes
LMR Interoperability	Add On	Yes

### Notes:

2 Years = Included for 2 years as part of Essential Service and Radio Software Package

FCC INFORMATION: AZ489FT7117



MODEL	MODEL DESCRIPTION	MSRP	
HK2112A*	TLK 100, WAVE Two-Way Portable - with <b>No Contract</b>	\$350.00	
	TLK 100, WAVE Two-Way Portable - with <b>30 Month Contract</b>	\$0.00	

\* Price does not include WAVE Monthly Subscription. See below for Subscription Information.

Options: TO COMPLETE AN ORDER YOU MUST CHOOSE ONE (1) OPTION	MSRP
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**Essential Service Options:**

STDESS0635AB Standard 3 Year Essential Services

N/C

**Subscriptions: YOU MUST CHOOSE ONE (1) MONTHLY SUBSCRIPTION**

WAVE Subscription Information:

[https://docs.google.com/spreadsheets/d/1mFGX4lqhZOva-kxvRNW5AS0\\_N5Mm61tBI1QwFuhwL-U/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1mFGX4lqhZOva-kxvRNW5AS0_N5Mm61tBI1QwFuhwL-U/edit?usp=sharing)

AFTERMARKET ACCESSORIES	APC	MSRP
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**Audio:**

5080384F72	Replacement Foam Plug-Ins	742	\$125.82
RLN6242A	Quick Disconnect Acoustic Tube	742	\$8.53
RLN6282A	Replacement Ear Tips, Pack of 50	742	\$48.87
PMLN7189A	Swivel Earpiece, In-Line Mic & PTT	742	\$31.32
PMLN7156A	Earbud with In-Line Mic/PTT, Mag One	742	\$21.60
PMLN7157A	2-Wire with Translucent Tube, Black	742	\$46.44
PMLN7158A	One-Wire Surveillance Earpiece, In-Line Mic & PTT	742	\$43.20
PMLN7159A	Adjustable D-Style Earpiece, In-Line Mic & PTT	607	\$46.44
PMMN4127	WM500 Operation Critical Bluetooth RSM	372	\$208.44
PMMN4125	Remote Speaker Microphone	372	\$131.76

**Antennas:**

32012144001	Gray Antenna ID Band (pack of 10)	555	\$7.02
32012144002	Yellow Antenna ID Band (pack of 10)	555	\$7.02
32012144003	Green Antenna ID Band (pack of 10)	555	\$7.02
32012144004	Blue Antenna ID Band (pack of 10)	555	\$7.02
32012144005	Purple Antenna ID Band (pack of 10)	555	\$7.02
HKAN4002A	TLK 100 VZW LTE Antenna	642	\$9.50

**Batteries:**

PMNN4468A	Li-Ion Battery 2300MAH (BT100x)	453	\$40.00
HKLN4678A	TLK 100 Battery Door	642	\$35.00

**Carrying Solutions:**

PMLN7932A	Swivel Carry Holster	271	\$13.50
PMLN7128A	Belt Clip (Heavy-Duty)	271	\$12.42
PMLN6074A	Nylon Wrist Strap	271	\$9.72

**Chargers and Power Adapters:**

PS000150A11	Level 6 Micro USB Wall Charger	785	\$27.00
PMLN7101A	MUC Charger US/NA	785	\$243.00
PMLN7109A	SUC Charger US/NA	785	\$48.60
CKN6968A	Cigarette Light Vehicle Adapter	171	\$60.00

For more information on WAVE products, see our WAVE Price Page here:

[WAVE Products Price Page](#)

**U.S. RESELLER**

**NITRO EVOLVE Portable**

**RESELLER PRICES**

**3.5 GHz Band OnGo**

**Standard Packages Include:**

- Standard Battery - Li-Ion, 2900 mAh (BT000592A01) / HIGH CAPACITY BATTERY (BT000593A01)
- Battery Door - STD 2900 MAH (HKLN5001A) / HIGH CAPACITY (HKLN5002A)
- Standard Charger - Micro-USB Wall Charger (PS000150A11)
- Carry Holster & 3" Belt Clip (PMLN8254A)

**Key Features:**

- PTT Voice (WAVE client) over OnGo and WiFi
- Cloud based Portal Device Management
- Over the Air Programmable
- High Fidelity Wideband Audio
- WiFi 2.4 GHz and 5 GHz compatible
- Bluetooth Profiles HFP, SPP and BLE GATT support
- GNSS Support - GLONASS/Galileo/BeiDou support
- IP68 Rated
- 5" Ruggedized Display (Glove touch/wet)
- Single Pin Locking Audio Interface (OPAI)
- Micro USB Charging
- Dual 3FF size Removable SIM card slots

**Notes:**

- Device is designed for use with WAVE OnCloud PTT Services



**RESELLER PRICES**

BAND	CHAN	MODEL	MODEL DESCRIPTION	MSRP
3.5 GHz	96	HK2136A	EVOLVE SMART HANDHELD WITH	\$999.00
3.5 GHz	96	HK2156A	EVOLVE SMART HANDHELD WITH HIGH	\$1,079.00

FCC INFORMATION: A2489FT7134

**Options: TO COMPLETE AN ORDER YOU MUST SELECT ONE (1) CHOICE FOR EACH STEP**

MSRP

**STEP 1:**

**Nitro Sim Option: (Optional Selection)**

QA07787AA    ADD: NITRO SIM CARD    0.00

**\* SIM CARD OPTION ONLY REQUIRED FOR OPERATION ON NITRO CBRS NETWORKS**

**STEP 2:**

**Essential Repair Options: (Required Selection) TO COMPLETE AN ORDER YOU MUST CHOOSE ONE (1) OPTION**

EVOLVE portables require purchase of either Standard Essential 3-Year Software and Repair option covering parts and labor warranty or Essential breakage and liquid damage.

STDESS0845AA    3 Year Essential Service    \$58.33

QA08142AA    ENH: 3Y ESSENTIAL W ACCIDENT DAMAGE    \$88.33

Repair coverage is expanded to include chemical, liquid and physical damage for the 3 year term on your Motorola Solutions portable or mobile subscriber radio. Essential with Accidental Damage starts upon purchase. Repairs will be made at the designated Motorola repair depot. Local pickup or repair charges are not included. Motorola Solutions will nav inbound shipping charges only with use of the Motorola Online return process.

**Aftermarket Accessory:**

		APC	MSRP
BT000592A01	BATT LIION 2900T	453	\$84.00
BT000593A01	HICAP BATT LIION 5800T	453	\$168.00

PS000150A11	WALL CUBE,AC,DC,POWER SUPPLY WALL CUBE,AC,DC,7.5W,100V-240V,MICROUSB,US/JP	785	\$27.00
HKLN5001A	COVER-DOOR,COVER-DOOR,BATTERY STD 2900 MAH	845	\$24.00
HKLN5002A	COVER-DOOR,COVER-DOOR,BATTERY HIGH CAP 5800 MAH	845	\$24.00
PMLN8254A	CARRY ACCESSORY-PLASTIC CARRY HOLSTER WITH 3" BELT CLIP	271	\$38.88
PMMN4125B	AUDIO ACCESSORY-REMOTE SPEAKER MICROPHONE	372	\$131.76
PMMN4127A	AUDIO ACCESSORY-OPERATIONAL CRITICAL WIRELESS REMOTE SPEAKER MIC WM500	372	\$208.44
PMLN8123A	EP910W OPERATIONAL CRITICAL WIRELESS EARPIECE PTT	742	\$81.00
PMLN8191A	AUDIO ACCESSORY-EARPIECE,1-WIRE ENH CLEAR TUBE EARPIECE, 2.5MM SINGLE PIN, ANGLED	742	\$54.00
PMPN4564A	MULTI UNIT CHARGER DESKTOP EXT PS 100-240VAC US/NA	785	\$540.00
PMPN4169A	CHGR VEHICULAR ADAPTER VPA	785	\$70.20
PMLN7965B	3" BELT CLIP	271	\$12.96
NTN8266B	BELT CLIP KIT (2.5")	271	\$12.96
PMLN8092A	ACCESSORY KIT,ACOUSTIC TUBE WITH RUBBER EARBUD, REPLACEMENT KIT	742	\$12.96

**U.S. RESELLER**

**NITRO EVOLVE Portable Hazloc I.S.**

**RESELLER PRICES**

**3.5 GHz Band OnGo**

**Standard Packages Include:**

- Intrinsic Safe (I.S.) High cap Li-Ion, 5800 mAh (BT000594A01)
- Battery Door - Evolve-I marked 5800 MAH Door for I.S. (HKLN5004A)
- Standard Charger - Micro-USB Wall Charger (PS000150A11)
- Carry Holster & 3" Belt Clip (PMLN8254A )

**Key Features:**

- PTT Voice (WAVE client) over OnGo and WiFi
- Cloud based Portal Device Management
- Over the Air Programmable
- High Fidelity Wideband Audio
- WiFi 2.4 GHz and 5 GHz compatible
- Bluetooth Profiles HFP, SPP and BLE GATT support
- GNSS Support - GLONASS/Galileo/BeiDou support
- IP68 Rated
- 5" Ruggedized Display (Glove touch/wet)
- Single Pin Locking Audio Interface (OPAI)
- Micro USB Charging
- Dual 3FF size Removable SIM card slots

**Notes:**

- Device is designed for use with WAVE OnCloud PTT Services



**RESELLER PRICES**

BAND	CHAN	MODEL	MODEL DESCRIPTION	MSRP
3.5 GHz	96	HK2137A	EVOLVE-I IS SMART HANDHELD W IS	\$1,149.00

FCC INFORMATION: A2489FT7134

**Options: TO COMPLETE AN ORDER YOU MUST SELECT ONE (1) CHOICE FOR EACH STEP**

MSRP

**STEP 1:**

**Nitro Sim Option: (Optional Selection)**

QA07787AA    ADD: NITRO SIM CARD    0.00

**\* SIM CARD OPTION ONLY REQUIRED FOR OPERATION ON NITRO CBRS NETWORKS**

**STEP 2:**

**Essential Repair Options: (Required Selection) TO COMPLETE AN ORDER YOU MUST CHOOSE ONE (1) OPTION**

EVOLVE portables require purchase of either Standard Essential 3-Year Software and Repair option covering parts and labor warranty or Essential breakage and liquid damage.

STDESS0845AA	3 Year Essential Service	\$97.50
QA08142AA	ENH: 3Y ESSENTIAL W ACCIDENT DAMAGE	\$226.70
Repair coverage is expanded to include chemical, liquid and physical damage for the 3 year term on your Motorola Solutions portable or mobile subscriber radio. Essential with Accidental Damage starts upon purchase. Repairs will be made at the designated Motorola repair depot. Local pickup or repair charges are not included. Motorola Solutions will nav inbound shipping charges only with use of the Motorola Online return process.		

**Aftermarket Accessory:**

	APC	MSRP
BT000594A01    BATTERY PACK,IS HICAP BATT LIION 5800T	453	\$224.00
PS000150A11    WALL CUBE,AC,DC,POWER SUPPLY WALL CUBE,AC,DC,7.5W,100V-240V,MICROUSB,US/JP	785	\$27.00

HKLN5004A	COVER-DOOR, IS BATTERY HICAP 5800 MAH	362	\$24.00
PMLN8254A	CARRY ACCESSORY-PLASTIC CARRY HOLSTER WITH 3" BELT CLIP	271	\$38.88
PMLN8123A	EP910W OPERATIONAL CRITICAL WIRELESS EARPIECE PTT	742	\$81.00
PMLN8191A	AUDIO ACCESSORY-EARPIECE,1-WIRE ENH CLEAR TUBE EARPIECE, 2.5MM SINGLE PIN, ANGLED	742	\$54.00
PMPN4564A	MULTI UNIT CHARGER DESKTOP EXT PS 100-240VAC US/NA	785	\$540.00
PMPN4169A	CHGR VEHICULAR ADAPTER VPA	785	\$70.20
PMLN7965B	3" BELT CLIP	271	\$12.96
NTN8266B	BELT CLIP KIT (2.5")	271	\$12.96
PMLN8092A	ACCESSORY KIT,ACOUSTIC TUBE WITH RUBBER EARBUD, REPLACEMENT KIT	742	\$12.96

U.S. RESELLER

# NITRO EVOLVE Portable Hazloc I.S.

## MSRP PRICES

3.5 GHz Band OnGo

### Standard Packages Include:

- Intrinsic Safe (I.S.) High cap Li-Ion, 5800 mAh (BT000594A01)
- Battery Door - Evolve-I marked 5800 MAH Door for I.S. (HKLN5004A)
- Standard Charger - Micro-USB Wall Charger (PS000150A11)
- Carry Holster & 3" Belt Clip (PMLN8254A)

### Key Features:

- PTT Voice (WAVE client) over OnGo and WiFi
- Cloud based Portal Device Management
- Over the Air Programmable
- High Fidelity Wideband Audio
- WiFi 2.4 GHz and 5 GHz compatible
- Bluetooth Profiles HFP, SPP and BLE GATT support
- GNSS Support - GLONASS/Galileo/BeiDou support
- IP68 Rated
- 5" Ruggedized Display (Glove touch/wet)
- Single Pin Locking Audio Interface (OPAI)
- Micro USB Charging
- Dual 3FF size Removable SIM card slots

### Notes:

- Device is designed for use with WAVE OnCloud PTT Services



## RESELLER PRICES

BAND	CHAN	MODEL	MODEL DESCRIPTION	MSRP
3.5 GHz	96	HK2137A	EVOLVE-I IS SMART HANDHELD W IS	\$1,149.00

FCC INFORMATION: AZ489FT7134

### Options: TO COMPLETE AN ORDER YOU MUST SELECT ONE (1) CHOICE FOR EACH STEP

MSRP

#### STEP 1:

#### Nitro Sim Option: (Optional Selection)

QA07787AA ADD: NITRO SIM CARD

0.00

\* SIM CARD OPTION ONLY REQUIRED FOR OPERATION ON NITRO CBRS NETWORKS

#### STEP 2:

### Essential Repair Options: (Required Selection) TO COMPLETE AN ORDER YOU MUST CHOOSE ONE (1) OPTION

EVOLVE portables require purchase of either Standard Essential 3-Year Software and Repair option covering parts and labor warranty or Essential with Accidental Damage to add coverage for acci breakage and liquid damage.

STDESS0845AA 3 Year Essential Service

\$97.50

QA08142AA ENH: 3Y ESSENTIAL W ACCIDENT DAMAGE

\$226.70

Repair coverage is expanded to include chemical, liquid and physical damage for the 3 year term on your Motorola Solutions portable or mobile subscriber radio. Essential with Accidental Damage starts upon purchase. Repairs will be made at the designated Motorola repair depot. Local pickup or repair charges are not included. Motorola Solutions will pay inbound shipping charges only with use of the Motorola Online return process. Motorola will nav outbound shipping charges via normal shipping methods. No discounts are allowed on this option.

### Aftermarket Accessory:

		APC	MSRP
BT000594A01	BATTERY PACK,IS HICAP BATT LIION 5800T	453	\$224.00
PS000150A11	WALL CUBE,AC,DC,POWER SUPPLY WALL CUBE,AC,DC,7.5W,100V-240V,MICROUSB,US/JP	785	\$27.00
HKLN5004A	COVER-DOOR, IS BATTERY HICAP 5800 MAH	362	\$24.00
PMLN8254A	CARRY ACCESSORY-PLASTIC CARRY HOLSTER WITH 3" BELT CLIP	271	\$38.88
PMLN8123A	EP910W OPERATIONAL CRITICAL WIRELESS EARPIECE PTT	742	\$81.00
PMLN8191A	AUDIO ACCESSORY-EARPIECE,1-WIRE ENH CLEAR TUBE EARPIECE, 2.5MM SINGLE PIN, ANGLED	742	\$54.00
PMPN4564A	MULTI UNIT CHARGER DESKTOP EXT PS 100-240VAC US/NA	785	\$540.00
PMPN4169A	CHGR VEHICULAR ADAPTER VPA	785	\$70.20
PMLN7965B	3" BELT CLIP	271	\$12.96
NTN8266B	BELT CLIP KIT (2.5")	271	\$12.96
PMLN8092A	ACCESSORY KIT,ACOUSTIC TUBE WITH RUBBER EARBUD, REPLACEMENT KIT	742	\$12.96



U.S. RESELLER

## NITRO EVOLVE Portable

3.5 GHz Band OnGo

### MSRP PRICES

**Standard Packages Include:**

- Standard Battery - Li-Ion, 2900 mAh (BT000592A01) / HIGH CAPACITY BATTERY (BT000593A01)
- Battery Door - STD 2900 MAH (HKLN5001A) / HIGH CAPACITY (HKLN5002A)
- Standard Charger - Micro-USB Wall Charger (PS000150A11)
- Carry Holster & 3" Belt Clip (PMLN8254A)

**Key Features:**

- PTT Voice (WAVE client) over OnGo and WiFi
- Cloud based Portal Device Management
- Over the Air Programmable
- High Fidelity Wideband Audio
- WiFi 2.4 GHz and 5 GHz compatible
- Bluetooth Profiles HFP, SPP and BLE GATT support
- GNSS Support - GLONASS/Galileo/BeiDou support
- IP68 Rated
- 5" Ruggedized Display (Glove touch/wet)
- Single Pin Locking Audio Interface (OPAI)
- Micro USB Charging
- Dual 3FF size Removable SIM card slots

**Notes:**

- Device is designed for use with WAVE OnCloud PTT Services



**RESELLER PRICES**

BAND	CHAN	MODEL	MODEL DESCRIPTION	MSRP
3.5 GHz	96	HK2136A	EVOLVE SMART HANDHELD WITH	\$999.00
3.5 GHz	96	HK2156A	EVOLVE SMART HANDHELD WITH HIGH	\$1,079.00

FCC INFORMATION: AZ489FT7134

**Options: TO COMPLETE AN ORDER YOU MUST SELECT ONE (1) CHOICE FOR EACH STEP**

MSRP

**STEP 1:**

**Nitro Sim Option: (Optional Selection)**

QA07787AA ADD: NITRO SIM CARD

0.00

\* SIM CARD OPTION ONLY REQUIRED FOR OPERATION ON NITRO CBRS NETWORKS

**STEP 2:**

**Essential Repair Options: (Required Selection) TO COMPLETE AN ORDER YOU MUST CHOOSE ONE (1) OPTION**

EVOLVE portables require purchase of either Standard Essential 3-Year Software and Repair option covering parts and labor warranty or Essential with Accidental Damage to add coverage for acci breakage and liquid damage.

STDESS0845AA 3 Year Essential Service

\$58.33

QA08142AA ENH: 3Y ESSENTIAL W ACCIDENT DAMAGE

\$88.33

Repair coverage is expanded to include chemical, liquid and physical damage for the 3 year term on your Motorola Solutions portable or mobile subscriber radio. Essential with Accidental Damage starts upon purchase. Repairs will be made at the designated Motorola repair depot. Local pickup or repair charges are not included. Motorola Solutions will pay inbound shipping charges only with use of the Motorola Online return process. Motorola will nav outbound shipping charges via normal shipping methods. No discounts are allowed on this option.

**Aftermarket Accessory:**

		APC	MSRP
BT000592A01	BATT LIION 2900T	453	\$84.00
BT000593A01	BATT LIION TIA4950 5800T	453	\$168.00
PS000150A11	WALL CUBE,AC,DC,POWER SUPPLY WALL CUBE,AC,DC,7.5W,100V-240V,MICROUSB,US/JP	785	\$27.00
HKLN5001A	COVER-DOOR,COVER-DOOR,BATTERY STD 2900 MAH	845	\$24.00
HKLN5002A	COVER-DOOR,COVER-DOOR,BATTERY HIGH CAP 5800 MAH	845	\$24.00
PMLN8254A	CARRY ACCESSORY-PLASTIC CARRY HOLSTER WITH 3" BELT CLIP	271	\$38.88
PMMN4125B	AUDIO ACCESSORY-REMOTE SPEAKER MICROPHONE	372	\$131.76
PMMN4127A	AUDIO ACCESSORY-OPERATIONAL CRITICAL WIRELESS REMOTE SPEAKER MIC WMS50	372	\$208.44
PMLN8123A	EP910W OPERATIONAL CRITICAL WIRELESS EARPIECE PTT	742	\$81.00
PMLN8191A	AUDIO ACCESSORY-EARPIECE,1-WIRE ENH CLEAR TUBE EARPIECE, 2.5MM SINGLE PIN, ANGLED	742	\$54.00
PMPN4564A	MULTI UNIT CHARGER DESKTOP EXT PS 100-240VAC US/NA	785	\$540.00
PMPN4169A	CHGR VEHICULAR ADAPTER VPA	785	\$70.20
PMLN7965B	3" BELT CLIP	271	\$12.96
NTN8266B	BELT CLIP KIT (2.5")	271	\$12.96
PMLN8092A	ACCESSORY KIT,ACOUSTIC TUBE WITH RUBBER EARBUD, REPLACEMENT KIT	742	\$12.96

## SLN 1000 ACCESSORIES

### RESELLER PRICES

MODEL NUMBER	DESCRIPTION	APC	MSRP
<b>Antenna</b>			
HKAN4004A	Stubby LTE	436	\$25.70
<b>Battery</b>			
PMNN4578A	Li-Ion 2500T Battery	453	\$69.30
<b>Carry Solutions</b>			
PMLN7932A	Swivel Carry Holster	271	\$13.50
PMLN7128A	Belt Clip (Heavy-Duty)	271	\$12.42
PMLN6074A	Nylon Wrist Strap	271	\$9.72
<b>Chargers and Power Adapters</b>			
PS000150A11	Level 6 Micro USB Wall Charger	785	\$27.00
PMLN7101A	MUC Charger US/NA	785	\$243.00
PMLN7109A	SUC Charger US/NA	785	\$48.60
<b>Audio Accessories</b>			
PMLN7189A	Swivel Earpiece, In-Line Mic & PTT	742	\$31.32
PMLN7156A	Earbud with In-Line Mic/PTT, Mag One	742	\$21.60
PMLN7157A	2-Wire with Translucent Tube, Black	742	\$46.44
PMLN7158A	One-Wire Surveillance Earpiece, In-Line Mic & PTT	742	\$43.20
PMLN7159A	Adjustable D-Style Earpiece, In-Line Mic & PTT	607	\$46.44
<b>Miscellaneous</b>			
HKLN4678A	Battery Door	642	\$24.00
5080384F72	Replacement Foam Plug-Ins	742	\$125.82
RLN6242A	Quick Disconnect Acoustic Tube	742	\$8.53
RLN6282	Replacement Ear Tips, Pack of 50	742	\$48.87

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# US VERSION

X= COMPATIBLE

## RESELLER PRICES

## PORTABLE ANTENNAS

CP110	DTR650	DTR700	*R20BPR4	BPR40D	CP185	CP100d	CP200	CP200d	CP200.XLS	SL300	MODEL NUMBER	DESCRIPTION	MSRP
										X	32012144001	Gray Antenna ID Band (pack of 10)	\$7.02
										X	32012144002	Yellow Antenna ID Band (pack of 10)	\$7.02
										X	32012144003	Green Antenna ID Band (pack of 10)	\$7.02
										X	32012144004	Blue Antenna ID Band (pack of 10)	\$7.02
										X	32012144005	Purple Antenna ID Band (pack of 10)	\$7.02
					X						8504762J02	VHF Helical Antenna 155-174 MHz (14 cm)	\$14.58
	X										8505241U04	896-941 MHz 1/2 Wave Whip Antenna	\$38.61
	X										8505241U06	806-941 MHz 1/4 Wave Stubby Antenna	\$27.54
								X			8505816K24	UHF Heliflex Stubby, 403-440 MHz	\$13.23
					X						HAD9338_R	VHF Heliflex Antenna, 136-162 MHz	\$12.69
					X	X	X	X	X		HAD9742	VHF Stubby Antenna, 146-162 MHz	\$11.61
					X	X	X	X	X		HAD9743	VHF Stubby Antenna, 162-174 MHz	\$11.61
					X	X	X	X	X		NAD6502_R	VHF Heliflex Antenna, 146-174 MHz	\$12.69
					X						NAD6579	VHF Whip Antenna, 148-161 MHz (Enhanced Performance, 7.5")	\$14.58
					X	X		X			PMAD4012	VHF Stubby Antenna, 136-155 MHz (Red Color Code)	\$14.31
					X						PMAD4013	VHF Stubby Antenna, 155-174 MHz (Black Color Code)	\$14.31
					X	X		X			PMAD4014	VHF Helical Antenna, 136-155 MHz (14cm)	\$14.58
						X		X			PMAD4042	VHF Heliflex, 136-150.8 MHz	\$19.22
			X								PMAD4051_R	Mag One VHF Antenna, 150-174 MHz	\$9.99
										X	PMAD4144	VHF STUBBY ANT (136-144MHz) 5cm	\$10.26
										X	PMAD4145	VHF STUBBY ANT (144-156MHz) 5cm	\$10.26
										X	PMAD4146	VHF STUBBY ANT (156-174MHz) 5cm	\$10.26
					X	X		X			PMAE4002	UHF Stubby Antenna, 403-433 MHz (9cm)	\$12.15
					X	X		X			PMAE4003	UHF Stubby Antenna, 430-470 MHz (9cm)	\$12.15
					X	X		X			PMAE4006	UHF Stubby Antenna, 465-490 MHz (9cm)	\$15.93
						X		X			PMAE4016	UHF Whip Antenna, 403-520 MHz	\$12.69
			X	X							PMAE4020	Mag One UHF Stubby Antenna, 450-470 MHz	\$9.99
										X	PMAE4093	UHF STUBBY ANT (403-425MHz) 4.5cm	\$10.26
										X	PMAE4094	UHF STUBBY ANT (420-445MHz) 4.5cm	\$12.96
										X	PMAE4095	UHF STUBBY ANT (435-470MHz) 4.5cm	\$10.26
		X									PMAF4024	900MHz Whip Antenna, 902-928MHz	\$32.00
	X	X									PMAF4025	ANTENNA, STUBBY,902-928MHZ, KIT	\$31.80
X											RAN4031	UHF Whip Antenna, 403-470 MHz	\$21.20
X											RAN4033	UHF Stubby Antenna, 450-470 MHz	\$21.20
X											RAN4041	VHF Helical Antenna, 146-174 MHz	\$21.20











# US VERSION

X= COMPATIBLE

## RESELLER PRICES

## BATTERIES

VLS0	CP110	DTR650	DTR700	R20BPR4	BPR40D	CP185	CP100d	CP200	CP200d	CP200.XLS	SL300	MODEL NUMBER	DESCRIPTION	MSRP
		X										53964	Li-ion, 1500 mAh, 3.6V Battery (component part number NNTN6923_)	\$74.20
								X	X	X		NNTN4497_R	Li-ion, 2250 mAh, 7.5V Battery	\$89.25
								X	X	X		NNTN4851	NiMH, 1400 mAh, 7.5V Battery (comp. with WPLN4138_R , WLN4161_R & NNTN8353)	\$66.15
				X				X	X			NNTN4970	Slim Li-ion, 1600 mAh, 7.2V Battery (comp. with WPLN4138_R, WLN4161_R & NNTN8353)	\$110.25
					X							PMNN4071_R	Mag One NiMH, 1200 mAh Battery	\$36.75
				X	X			X	X	X		PMNN4072	NiMH Mag One Battery (1300 mAh)	\$36.75
						X	X					PMNN4075_R	Mag One Li-ion, 1500 mAh Battery (comp. with PMPN4140 charger base and PMLN5048_R charger kit)	\$55.65
						X	X					PMNN4080_R	Li-ion High Capacity 2150 mAh 7.4V Battery	\$69.00
						X	X					PMNN4082_R	NiMH 1300 mAh 7.4V Battery	\$52.00
						X	X	X	X			PMNN4458_R	Li-ion, 2050 mAh Battery	\$37.80
X						X	X					PMNN4476	Li-ion IP54 1750T	\$58.00
			X									PMNN4497_R	BATT LIION 1800T	\$44.16
												PMNN4578	Li-ion, 2500T Battery Pack	\$69.30
											X	PMLN7074	Battery Door Cover	\$17.38
	X										X	PMNN4468	Li-ion 2300T Battery	\$42.00
	X											RLN6306	Alkaline Battery Shell	\$47.25
												RLN6308	Ultra High Capacity Li-ion Battery (component P/N 60012000001)	\$115.50

# US VERSION

X= COMPATIBLE

## RESELLER PRICES

## PORTABLE CARRY CASES

VL50	CP110	DTR650	DTR700	R20BPR4	BPR40D	CP185	CP100d	CP200	CP200d	CP200.XLS	SL300	MODEL NUMBER	DESCRIPTION	MSRP
								X	X			1505596202	Case Adjustable Chest Pack	\$5.40
								X	X			4280384F89	Universal RadioPAK™ Extension Belt for waist larger than 40"	\$5.40
								X	X			4280483B03	2.5" Swivel Belt Loop	\$10.80
								X	X			4280483B04	3" Swivel Belt Loop	\$12.47
X		X										53961	Swivel Belt Holster	\$12.00
												HCLN4013	Replacement Swivel Belt Holster	\$8.43
						X	X	X	X			HLN6602	Universal Chest Pack with Radio Holder, Pen Holder & Velcro Secured Pocket	\$41.04
								X	X			HLN8255	3" Spring Action Belt Clip	\$7.56
						X		X	X			HLN9701	Nylon Case with Belt Loop (Resale Packaging available through RP5D)	\$25.92
						X	X					HLN9844	2" Spring Belt Clip	\$12.42
						X	X	X	X			HLN9985	Waterproof Bag, includes large carrying strap	\$38.88
						X	X		X			NTN5243	Carry Case Shoulder Strap	\$24.84
				X								PMLN4742	Mag One Hard Leather Carry Case	\$27.00
				X	X							PMLN4743	Mag One 2" Spring Belt Clip	\$5.40
						X						PMLN5334	Soft Leather Protective Case	\$27.00
											X	PMLN6074A	Nylon Wrist Straps	\$9.72
											X	PMLN7076A	Flexible Hand Strap	\$12.42
											X	PMLN7128A	Belt Clip (Heavy-Duty)	\$12.42
											X	PMLN7190A	Swivel Carry Holster	\$12.96
			X									PMLN7939	Swivel Holster	\$12.20
							X	X	X			RLN4570	Breakaway Chest Pack	\$58.59
						X	X	X	X			RLN4815	Universal RadioPAK™ & Utility Case (fanny pack)	\$48.60
								X	X			RLN5383	Leather Case with Belt Loop (for use with Non-Display models)	\$42.12
								X	X			RLN5384	Leather Case with 2.5" Swivel (for use with Non-Display models)	\$48.60
								X	X			RLN5385	Leather Case with 3" Swivel (for use with Non-Display models)	\$48.60
								X	X			RLN5716	T-Strap for Leather Cases	\$6.48
								X	X			RLN5644	2" Spring Action Belt Clip	\$6.48
	X											RLN6302	Leather Case with 3" Swivel	\$58.30
	X											RLN6307	Spring Action Belt Clip	\$15.90
								X	X			TDN9327	Portable Radio Hanger - for door panels up to 2.75" (slides over and hangs from the door	\$30.78
								X	X			TDN9373	Portable Radio Hanger - for door panels from 2.75" to 3.25" (slides over and hangs from the door panel in vehicle). Radio Belt Clip is required for use.	\$19.44

# US VERSION

COMPATIBLE

LLER PRICES

## CHARGERS & ACCESSORIES

VLS0	CP110	DTR650	DTR700	RZ08PR4	BPR40D	CP185	CP100d	CP200	CP200d	CP200.XLS	SL300	MODEL NUMBER	DESCRIPTION	MSRP
					X		X				X	25009297001	Power Adapter	\$25.92
												25009298001	Micro-USB Charger, Switch Mode, Low Noise, 5W, US/NA	\$21.00
		X										53960	Multi-Unit Charger	\$212.00
		X										53962	Drop In Charging Tray	\$29.63
		X										53969	Rapid Charger, 1 Hour	\$30.00
X												56531	Multi-Unit Charger	\$211.95
				X		X		X	X	X		EPNN9288	90-134V, Switch Mode Power Supply	\$25.92
								X	X			NNTN6844	Wall Mount Bracket	\$108.00
						X		X	X			NNTN8460	Charger Insert (CP200)	\$35.00
							X	X	X	X		PMLN6588	120 Volt - 6 Unit Rapid Rate Charger	\$469.80
						X	X					PMLN6597	Multi Unit Charger	\$469.80
								X	X	X		PMLN7089	Travel Charger	\$102.60
											X	PMLN7101	Standard Multi-Unit Charger, US/NA	\$243.00
											X	PMLN7109	Standard Single-Unit Charger, US/NA	\$48.60
	X											PMPN4005	AC Power Supply	\$19.82
				X	X							PMPN4171	CHGR DESKTOP SINGLE UNIT, US/NA	\$54.00
						X	X					PMPN4172	CHGR DESKTOP SINGLE UNIT, US/NA	\$57.24
			X									PMPN4465	6-Pocket Multi Unit-Charger with US/NA Cord Kit	\$349.80
			X									PMPN4468	Single-Unit Charger Tray	\$46.64
			X									PMPN4469	Single-Unit Charger, US/NA Kit	\$64.66
			X									P5000227A11	5W L6 Micro-USB, US/NA	\$23.00
			X									P5000228A01	3W L6 Micro-USB, US/NA	\$23.00
	X											RLN6304	2-Hour Rapid Charger Kit (includes PMPN4005, RLN6332, and RLN6349)	\$68.90
	X											RLN6309	Multi Unit Charger	\$291.50
	X											RLN6349	NA Adaptor	\$1.48
								X	X	X		PMPN4173	120V - 90 Minute Rapid Rate CEC complaint Charger with Switch Mode Power Supply	\$62.37

# US VERSION

X= COMPATIBLE

## RESELLER PRICES

## EAR PIECES

VL50	CP110	DTR650	DTR700	R20BPR4	BPR40D	CP185	CP100d	CP200	CP200d	CP200.XLS	SL300	MODEL NUMBER	DESCRIPTION	MSRP
								X	X	X		0180300E83	Body Switch Push to Talk for Ear Microphone System	\$171.72
									X			0186180Z01	Replacement Foam Earbuds	\$7.72
								X	X	X		5080369E39	Extra Loud Earphone, Beige (exceeds OSHA limits)	\$39.69
								X	X	X		5080370E91	Extra Loud Earphone, Black (exceeds OSHA limits)	\$36.75
								X	X	X		5080370E97	Replacement Rubber Eartips, Clear - Pack of 25 (for use with RLN6232, RLN6241)	\$32.35
								X	X	X	X	5080384F72	Replacement Foam Plugs-Pack of 50 (for use with RLN6230, RLN6231), Noise Reduction Rating = 24dB	\$125.82
X		X										53866F	Earbud with PTT, Microphone, Slim plug, PVC free	\$64.61
								X	X	X		7580372E11	Replacement Foam Ear Cushion (for use with BDN6720)	\$1.94
		X						X	X	X		BDN6720	Flexible Ear Receiver, Black Earpiece without Volume Control (flexible earloop & speaker that rests external to ear Resale Packaging through Parts Dept).	\$37.80
X												BDN6774	Earpiece with Microphone (worn over ear with streamlined boom microphone)	
		X										HKLN4424	CP Swivel Earpiece	\$37.10
X		X	X									HKLN4599	HEADSET,EARPIECE W/PTT, MIC, SLIM PLUG, PVC FREE (Replacement for 56517)	\$26.45
X		X	X									HKLN4601	1-Wire Surveillance Kit with In-Line Mic and PTT, Slim plug, PVC free	\$42.40
X		X	X									HKLN4604	Swivel Earpiece with In-Line Mic and PTT, Slim plug, PVC free	\$37.10
X		X	X									HKLN4608	Replacement Transparent Acoustic Tube and Earbud for HKLN4601A and HKLN4487F, PVC free	\$14.84
												HMN8435	Earbud with Clip Microphone and PTT (2-wire - transmit & receive)	\$40.00
		X						X		X		HMN9036	Earbud with Clip Microphone and PTT, Transmit & Receive (2-wire - not recommended for use with PL codes above 225 Hz) Resale Packaging is also available through RPSD)	\$40.00
		X						X		X		HMN9727	Earpiece without Volume Control, Beige (single wire) Resale Packaging available through RPSD)	
		X				X		X		X		HMN9754	2 Piece Surveillance Kit, with Microphone and PTT Combined, Beige (2-wire - rubber eartip style) Resale Packaging available through RPSD)	\$123.12
				X								PMLN4294	Earbud with Microphone & PTT Combined	\$29.16
				X	X			X		X		PMLN4442	Mag One Earbud with MIC/PTT/VOX Switch	\$19.44
				X	X			X		X		PMLN4443	Mag One Ear Receiver with MIC/PTT/VOX Switch	\$21.60
				X	X			X		X		PMLN4444	Mag One Earset Boom Microphone with PTT/VOX	\$28.08
				X					X			PMLN4605	Clear Acoustic Tube	\$15.66
				X								PMLN4606	2-Wire Surveillance Kit with Clear Acoustic Tube	\$46.44
				X				X		X		PMLN5001	D Shell Earpiece with PTT Mic.	\$29.70
				X			X		X			PMLN6445	2-Wire Surveillance Kit (Beige) with Clear Acoustic Tube (Palm Garden)	\$48.06
							X		X			PMLN6530	2-Wire Surveillance Kit (Black) with Clear Acoustic Tube (Palm Garden)	\$48.06
					X			X				PMLN6531	Ear Receiver with In-Line Mic/PTT/VOX Switch (Mag One)	\$23.22
					X			X				PMLN6532	Swivel Earpiece with Microphone & PTT (Mag One)	\$26.46
					X			X				PMLN6533	Earset with combined MIC/PTT	\$29.16
					X			X				PMLN6534	Earbud with In-Line Mic/PTT/VOX Switch (Mag One)	\$21.60
					X			X				PMLN6535	D-Style Earpiece with Mic/PTT	\$30.78
					X			X				PMLN6536	2-Wire Surveillance Kit with Quick Disconnect Acoustic Tube, Black (OTTO)	\$129.60
					X			X				PMLN6537	Earset with Boom Microphone and In-Line PTT/VOX Switch (Mag One)	\$28.08
						X	X					PMLN6538	Lightweight Headset with Swivel Boom Microphone	\$61.56
												PMLN6541	Lightweight Temple Transducer Headset	\$85.32
											X	PMLN7189	Swivel Earpiece, In-Line Mic & PTT	\$31.32
											X	PMLN7156	Earbud w/ In-Line PTT, Mag One	\$21.60
											X	PMLN7157	2-Wire Surveillance Kit with Translucent Tube, Black	\$46.44
											X	PMLN7158	1-Wire Surveillance Kit with Translucent Tube, Black	\$43.20
											X	PMLN7159	Adjustable D-Style Earpiece w/ In-Line PTT/Mic, Black	\$46.44
			X					X		X		PMMN4001	Ultra-Light Earpiece with Boom Microphone and In-Line PTT	\$54.00
									X			RLN4760	Clear Comfortable Earpiece Small Right	\$22.14
									X			RLN4761	Clear Comfortable Earpiece Medium Right	\$22.14
									X			RLN4762	Clear Comfortable Earpiece Large Right	\$22.14
									X			RLN4763	Clear Comfortable Earpiece Small Left	\$22.14
									X			RLN4764	Clear Comfortable Earpiece Medium Left	\$22.14
									X			RLN4765	Clear Comfortable Earpiece Large Left	\$22.14
	X			X		X		X		X		RLN4895	2 Piece Surveillance Kit, with Microphone and PTT Combined, Black (2-wire - rubber eartip style)	\$123.12
			X			X	X	X	X	X		RLN4941_XL	Earpiece Receive Only with Translucent Tube	\$91.80
X						X		X	X	X		RLN5317	2-Wire Comfort Earpiece with Combined Microphone and PTT, Beige Surveillance Kits with Extended-Wear Comfort Earpieces include a Low Noise enhancement (RLN6232) already attached for extra comfort and convenience.	\$129.60
	X					X		X	X	X		RLN5318	2-Wire Comfort Earpiece with Combined Microphone and PTT, Black Surveillance Kits with Extended-Wear Comfort Earpieces include a Low Noise enhancement (RLN6232) already attached for extra comfort and convenience.	\$129.60
								X	X	X		RLN5500	Audio Accessory Retainer Kit	\$11.61
						X		X	X	X		RLN6230	Extreme Noise Kit - Includes 2 foam earplugs. For High Noise Environments. Noise Reduction = 24dB. The Quick Disconnect Adapter allows users to easily remove or alternate Acoustic Tubes ( for use with Surveillance Accessories). Black	\$34.56
						X		X	X	X		RLN6231	Extreme Noise Kit - Includes 2 foam earplugs. For High Noise Environments. Noise Reduction = 24dB. The Quick Disconnect Adapter allows users to easily remove or alternate Acoustic Tubes ( for use with Surveillance Accessories). Beige	\$32.00
						X		X	X	X		RLN6232	Low Noise Kit - Clear Acoustic Tube Assembly includes 1 Clear Rubber Eartip. For Low Noise Environments. The Quick Disconnect Adapter allows users to easily remove or alternate Acoustic Tubes (for used with Surveillance Accessories). Black	\$21.60
						X		X	X	X		RLN6241	Low Noise Kit - Clear Acoustic Tube Assembly includes 1 Clear Rubber Eartip. For Low Noise Environments. The Quick Disconnect Adapter allows users to easily remove or alternate Acoustic Tubes (for used with Surveillance Accessories). Beige	\$20.00
						X		X	X	X		RLN6242	Quick Disconnect Acoustic Tube Replacement (each sold separately)	\$8.53
X		X										RMN5114	Lightweight Temple Transducer	\$106.92

# US VERSION

X= COMPATIBLE

## RESELLER PRICES

## HEADSETS

VL50	CP110	DTR650	DTR700	*R20BPR4	BPR40D	CP185	CP100d	CP200	CP200d	CP200.XLS	SL300	MODEL NUMBER	DESCRIPTION	MSRP
X												BDN6773	Lightweight Single Muff Adjustable Headset with Swivel Boom Microphone	\$53.00
	X							X	X	X		HMN9013	Lightweight Single Muff Adjustable Headset with Swivel Boom Microphone (Resale Packaging available through RPSD)	\$61.56
				X		X		X		X		PMLN4445	Mag One Headset with PTT/VOX Switch	\$32.40
	X					X		X		X		PMLN5003	Retail Temple Transducer	\$85.32
	X							X		X		PMLN5011	Temple Transducer (2 Prong)	\$171.72
					X		X		X			PMLN6542	Mag One Ultra-Lite Headset, behind-the-head, adjustable with boom microphone and in-line push-to-talk	\$31.32
							X		X			PMLN6854	BEHIND THE HEAD H/DUTY HEADSET/VOX, 2 PINConnector	\$356.40
							X		X			PMLN7468	OVER THE HEAD H/DUTY HEADSET/VOX, 2 PIN	\$356.40
	X							X	X	X		REX4648	Replacement Windscreen (for use with Boom Microphone) and Foam Ear Pad	\$7.78
								X		X		RKN4094	Adapter Cable with In-Line PTT (for use with RMN4051 Headset)	\$375.86
	X							X		X		RLN5411	Ultra-Light Headset, behind-the-head with In-Line PTT and Boom Microphone	\$64.80
	X							X		X		RMN4016	Lightweight Single Muff Adjustable Headset with Swivel Boom Microphone and In-Line	\$82.08
								X		X		RMN4051	2-Way Hard-Hat Mount Headset, Black - Noise Reduction Rating = 22dB (requires adapter cable RKN4094)	\$269.10

# US VERSION

X= COMPATIBLE

## RESELLER PRICES

VL50	CP110	DTR650	DTR700	R20BPR4	BPR40D	CP185	CP100d	CP200	CP200d	CP200.XLS	SL300	MODEL NUMBER	DESCRIPTION	MSRP
				X		X	X	X	X	X		AARLN4885	Receive-Only Foam Earbud with 3.5mm plug to be used with Remote Speaker Microphone	\$27.81
X		X										HKLN4606	Remote Speaker Microphone with PTT, Slim plug, PVC free	\$66.73
			X									HKLN4687	AUDIO ACCESSORY KIT, REMOTE SPEAKER MICROPHONE W/PTT, DTR	\$75.62
X		X										HMN9051	Remote Speaker Microphone with Coiled Cord and Swivel Clothing Clip	\$62.37
				X		X	X	X	X			PMLN4620	Receive Only D- Shell Earpiece for Remote Speaker Microphone Only 3.5mm Adaptor	\$21.14
	X					X	X	X	X	X		PMMN4013	Remote Speaker Microphone with Ear Jack, Coiled Cord and Swivel Clothing Clip Intrinsicly Safe (FM)	\$87.48
						X		X		X		PMMN4008	Remote Speaker Microphone	\$33.48
	X					X	X	X	X	X		PMMN4029	Remote Speaker Microphone with IP57 Rating, Coiled Cord and Swivel Clothing Clip Intrinsicly Safe (FM)	\$81.00
			X		X							PMMN4077	Remote Speaker Microphone - Mag One	\$33.48
							X		X			PMMN4092	Remote Speaker Microphone - Mag One	\$33.48
											X	PMMN4125	AUDIO ACCESSORY-REMOTE SPEAKER MICROPHONE	\$131.76
				X		X	X	X	X	X		WADN4190	Ear Receiver with Coil Cable Remote Speaker Microphone Only 3.5mm Adapter	\$47.83

# US VERSION

X= COMPATIBLE

RESELLER PRICES

CP110	DTR650	DTR700	*R20BPR4	BPR40D	CP185	CP100d	CP200	CP200d	CP200.XLS	SL300	MODEL NUMBER	DESCRIPTION	MSRP
	X						X		X		0105950U15	DTR Serial Data Cable CPS/RSS	\$35.00
							X		X		1009422001	120 Volt - Wall Mount Power Supply Supplies power to the RIB. Order power supply for radio separately.	\$24.25
											3080369B72	9 Pin PC to Radio Interface Box Cable (IBM AT or compatible)	\$52.00
				X		X					68007024004	CP185 Basic Service Manual	\$25.00
							X		X		6816986H01	BPR 40 Basic Service Manual (only available for download in MOL).	\$0.00
											6880309N61	CP150/CP200 Basic Service Manual	\$12.00
							X		X		AAPMKN4004	Programming & Test Cable - Programming cables require a Radio Interface Box (RIB), also compatible with RLN4460 used for radio testing.	\$50.00
		X									HKKN4027A	DTR CPS Cable Kit	\$40.00
		X									HKKN4028A	DTR Clonning cable	\$20.00
			X		X						PMDN4040_R	Test Box	\$115.00
			X		X						PMDN4041_R	RF Adapter	\$21.25
			X								PMDN4042_R	Battery Eliminator	\$95.00
			X								PMDN4043_R	BPR 40 Programming/Test Cable	\$25.00
			X								PMDN4054_R	Grounding Plate	\$26.25
			X								PMDN4060_R	BPR 40 Cloning Cable	\$12.25
					X						PMDN4076_R	Cloning Cable	\$11.00
				X	X						PMDN4077_R	USB Programming Cable	\$52.10
X						X		X			PMKN4128	Micro USB Programming Cable	\$30.00
											CP110	CP110 USB Programming Cable	\$50.00
							X		X		RLN4008	Radio Interface Box (RIB) Voltage Level Shifter to enable communications between radio and computer's RS232 communications adapter. Requires wall mount power serial supply or 10-18 VDC power sources.	\$200.00
							X	X	X		RLN4460	Test Box for Portables and Mobiles	\$395.00
							X		X		RLN5583	Flash Upgrade Adapter	\$99.75
X											RLN6303	CP110 Cloning Cable	\$20.00
		X					X		X		RVN4191	Portable & Mobile Programming Software (CPS) - 3 Year Subscription*	\$265.00
											RVN5080	DTR Computer Programming Software (CPS) - Available for free download on MOL	\$0.00
			X								RVN5081	BPR 40 CPS Software (CD) - 3 Year Subscription	\$265.00
											RVN5149	CP110 CPS Software (CD) - 3 year Subscription. Note: CP110 MURS CPS is only available for download on MOL at no charge (\$0)	\$265.00
X						X					RVN5194	CP185 CPS and Tunning Software (CD) - 3 Year Subscription	\$265.00
						X		X		X	HKVN4362	For MOTOTRBO CPS/RM pricing and details, see the link below:	
										X	HKVN4622	<a href="https://docs.google.com/spreadsheets/d/1fXphrmVGAsO90Uhn-Jjto5_HfuaYAcxPkAaVXFNGt4/edit?usp=sharing">https://docs.google.com/spreadsheets/d/1fXphrmVGAsO90Uhn-Jjto5_HfuaYAcxPkAaVXFNGt4/edit?usp=sharing</a>	
								X					

# US VERSION

X= COMPATIBLE

## Call Boxes:

Allows for integration into most existing radio systems and provides direct access to personnel connected to the system. Allows for expansion of security coverage and can help improve response time without the need for additional personnel. Includes a voice instruction message for the user, automatic call box ID and user location identifiers, a courtesy light, easy push-to-talk operation, a silent tamper alert broadcast to security, low battery alert, 40-day standby battery capacity, one 12-volt, 12 amp/hour rechargeable battery, call box keys and tamper resistant screw bits. Pricing does not include radio or installation. Remote speaker microphone cable and BNC antenna adaptor for the particular radio model must be supplied by the reseller.

Use Call Box RF Kits (HK2079A, HK2080A, HK2081A) for RF module.

For radio integration into the Call Box/RTU please contact the specific call box/RTU manufacturer.

RESELLER PRICES								CALL BOXES AND PERIPHERALS			
CP110	DTR650	R20BPR4	BPR40D	CP185	CP200	CP200d	CP200.XLS	SL300	MODEL NUMBER	DESCRIPTION	MSRP
									HK2079A	Call Box RF Kit FKP Display "e" model 5W 136-174 MHz	\$958.33
									HK2080A	Call Box RF Kit FKP Display "e" model 4W 403-512 MHz	\$958.33
									HK2081A	Call Box RF Kit FKP Display "e" model 2.5W 800/900 MHz	\$958.33
									Call Box RF Kits do not include antenna, battery, belt clip, dust connector, or charger		
									<b>A1 Call Boxes - Field programmable. Mounts on a wall, or on a PVC or aluminum stanchion. Solar or AC/DC power. The .090 thick aluminum enclosure with white powder coat measures 13"H x 9.5"W x 6.5"D. Provides protection against dust and falling rain. For indoor and outdoor use. Includes antenna and set of small reflective decals.</b>		
					X	X	X		RRDN4362	Solar Wall or Pole Mounting	\$2,770.20
					X	X	X		RRDN4363	AC/DC Wall or Pole Mounting	\$2,662.20
					X	X	X		RRDN4365	Solar with Aluminium Stanchion (A1010) w/o Base Pedestal	\$3,666.60
					X	X	X		RRDN4444	A1A1010 Base Pedestal	\$615.60
									<b>A106.5 Call Boxes - Freestanding. Solar or AC/DC power. The .090 thick, white powder-coated aluminum box measures 6.5' H</b>		
					X	X	X		RRDN4588	Solar Powered w/o Base Pedestal	\$3,018.60
					X	X	X		RRDN7776	A106.5 Base Pedestal	\$486.00
									<b>A1410 Call Boxes - Self-standing. The .090 thick aluminum stanchion with white powder coat measures 10'H x 14"W x 7.5"D. Thick, clear Lexan faceplate cover and includes an activation ringer, antenna and set of large reflective decals. 10 watt solar panel provides additional charging power to allow the beacon/locator light to function 24 hours a day.</b>		
					X	X	X		RRDN4369	Solar Powered	\$4,752.00
					X	X	X		RRDN4370	AC/DC w/o Base Pedestal	\$3,564.00
					X	X	X		RRDN4447	A1410 Base Pedestal	\$486.00
					X	X	X		RRDN7782	A1410 Solar w/o Base Pedestal, with Public Address System (PA)	\$4,044.60
									<b>A144 Call Boxes - Flexibility. Can be wall or pole mounted for convenient accessibility. The .090 thick, white, powder-coated aluminum enclosure measures 4' H x 14" W x 7.5" D. Includes a 6-watt locator LED that converts to a strobe light when callbox is activated. Comes standard with a 10-watt solar panel and choice of large reflective vinyl message decal.</b>		
					X	X	X		RRDN4590	Solar Wall or Pole Mounting	\$3,537.00
					X	X	X		RRDN4591	AC/DC Wall or Pole Mounting	\$3,429.00
									<b>A1510 Call Boxes</b>		
					X	X	X		RRDN7778	Solar w/o Base Pedestal, with Public Address System (PA)	\$4,320.00
									<b>ACB Call Boxes - Push-to-talk communication. No door to open. The indoor/outdoor wall mount aluminum enclosure is .090 thick with white powder coat. It measures 20"H x 14"W x 7.5"D with a thick, clear Lexan face-plate cover. Includes activation ringer,</b>		
					X	X	X		RRDN4367	Solar Wall or Pole Mounting	\$2,997.00
					X	X	X		RRDN4368	AC/DC Wall or Pole Mounting	\$2,889.00































# US VERSION

X= COMPATIBLE

## RESELLER PRICES

## MOBILE ANTENNAS

CM200	CM200d	CM300	CM300d	MODEL NUMBER	DESCRIPTION	MSRP
X	X	X	X	HAD4006	VHF 136-144 MHz, 1/4 Wave Roof Mount, Mini-U	\$25.92
X	X	X	X	HAD4007	VHF 144-150.8 MHz, 1/4 Wave Roof Mount, Mini-U	\$25.92
X	X	X	X	HAD4008	VHF 150.8-162 MHz, 1/4 Wave Roof Mount, Mini-U	\$25.92
X	X	X	X	HAD4009	VHF 162-174 MHz, 1/4 Wave Roof Mount, Mini-U	\$25.92
	X	X	X	HAE4002	UHF 403-430 MHz, 1/4 Wave Roof Mount, Mini-U	\$37.80
	X	X	X	HAD4022	VHF, 132-174 MHz, 3.0 dB Gain, Through-Hole Mount, Mini-U	\$70.74
X	X	X	X	HAE4003	UHF 450-470 MHz, 1/4 Wave Roof Mount, Mini-U	\$23.22
	X	X	X	HAE6022	UHF, 403-527 MHz, 2dB Gain, Through-hole Mount, Mini-U	\$69.66
X		X		RAD4000	Antenna Only (less cable & install hardware) - Standard Duty, 136-174 MHz	\$54.00
X		X		RAD4000AMB	VHF 3dB Gain Magnetic Mount Antenna, 140-174 MHz	\$97.20
X		X		RAE4004AMB	UHF 5dB Gain Magnetic Mount Antenna, 440-470 MHz	\$129.60
X	X	X	X	RAE4004ARB	UHF 445-470 MHz, 5 dB Gain Roof Mount, Mini-U	\$110.16

# US VERSION

X= COMPATIBLE

## RESELLER PRICES

## MOBILE MICROPHONES

CM200	CM200d	CM300	CM300d	MODEL NUMBER	DESCRIPTION	MSRP
	X		X	GMMN4065	Visor Microphone (Omni-Direction)	\$62.64
X	X	X	X	HLN9073	Microphone Hang-up Clip (requires install)	\$1.19
X	X	X	X	HLN9414	Microph Hang-up Clip (Universal – no install required)	\$14.04
X		X		HMN1035	Heavy Duty Palm Microphone with 10.5 Ft. Coil Cord	\$88.02
	X		X	PMMN4089	Enhanced Keypad Microphone (Alphanumeric Only, Supports Remote Monitor)	\$106.92
	X		X	PMMN4090	Compact Microphone with Clip (Does not support Remote Monitor)	\$43.20
	X		X	PMMN4091	Heavy Duty Microphone (Does not support Remote Monitor)	\$88.02
X		X		RMN5029	Enhanced Keypad Microphone & Hang-Up Clip	\$88.50

# US VERSION

X= COMPATIBLE

RESELLER PRICES

## MOBILE SERVICE TOOLS

CM200	CM200d	CM300	CM300d	MODEL NUMBER	DESCRIPTION	MSRP
X		X		0180357A57	120 Volt - Wall Mount Power Supply Supplies power to the RIB. Order power supply for radio separately.	\$24.25
X		X		3080070N01	Programming Cable (connection from RIB to radio)	\$65.25
X		X		3080369B71	25 Pin PC to Radio Interface Box Cable (IBM XT or compatible)	\$62.00
X		X		3080369B72	9 Pin PC to Radio Interface Box Cable (IBM AT or compatible)	\$52.00
X		X		6680334F39	Allen Wrench for Antenna Connector Set Screw	\$5.00
X		X		6680388A26	Mobile Crimping Tool	\$60.00
X		X		6802966C15	CM200/CM300/PM400 Basic Service Manual	\$18.00
X		X		6802966C20	CM200/CM300/PM400 VHF Detailed Service Manual	\$25.00
X		X		6881098C00	CM200/CM300/PM400 UHF Detailed Service Manual	\$26.25
X		X		AARKN4083	Programming Cable (allows radio programming via rear accessory connector)	\$74.00
	X		X	PMKN4147	MMP Telco Programming Cable	\$17.00
X		X		RKN4081	Programming Cable with Internal RIB (direct connection from computer to radio microphone connector)	\$210.00
X		X		FKN8096	Flash/Data Adapter (for use with AARKN4081 or 3080070N01)	\$65.00
X		X		FKN8113	Adapter Cable (for use with AARKN4083)	\$43.00
X		X		RLN4008	Radio Interface Box (RIB) Voltage Level Shifter to enable communications between radio and the computer's RS232	\$200.00
X		X		RLN4460	Test Box for Portables and Mobiles Enables connection to the universal connector. Allows switching for radio testing.	\$395.00
				RVN4191	Portable & Mobile Programming Software (CPS) - 3 Year Subscription Package - Portables require AAPMKN4004 Programming/Test Cable.*	\$199.00
	X		X	HKVN4362	For MOTOTRBO CPS/RM pricing and details, see the link below:	
	X		X	HKVN4622	<a href="https://docs.google.com/spreadsheets/d/1fxphrmVGAsO90UhN-ljto5_HfuaYAcxPkAaVXFntGt4/edit?usp=sharing">https://docs.google.com/spreadsheets/d/1fxphrmVGAsO90UhN-ljto5_HfuaYAcxPkAaVXFntGt4/edit?usp=sharing</a>	



# US VERSION

X= COMPATIBLE  
RESELLER PRICES

## GENERAL MOBILE ACCESORIES

CM200	CM200d	CM300	CM300d	MODEL NUMBER	DESCRIPTION	MSRP
<b>CONTROL STATIONS</b>						
	X		X	GKN6266	DC Power Supply Cable (works with GPN6145 Power Supply)	\$32.40
	X		X	GLN7318	Desktop Tray without Speaker	\$43.20
	X		X	GLN7326	Desktop Tray with Speaker	\$89.10
X		X		HKN4139	12V Power Cable for Low Power Control Station 1-25W	\$22.68
	X		X	HKN9088	Mobile Mini-U Antenna Adapter - 8 Ft. Cable	\$43.47
X		X		HKN9455	12V Power Cable for High Power Control Station 25-60W	\$22.00
	X		X	HLN9457	Hardware Kit for use with the Expanded Accessory Connector (includes 16 connector pins, five (5) 8" wires with p	\$7.51
X	X	X	X	HPN4007	Power Supply and Cable (1-60 Watt Models)	\$319.68
	X		X	PMMN4098	Desktop Microphone	\$129.60
X		X		RLN5390	Desktop Tray with Speaker	\$81.00
X		X		RLN5391	Desktop Tray without Speaker	\$51.50
X		X		RMN5068	Desk Microphone, Black	\$129.60
<b>GENERAL</b>						
X		X		GLN7282	Alarm Buzzer	
X		X		HLN9328	External Alarm Relay Cable - Horn & Lights	\$59.40
X	X	X	X	HSN8145	External Speaker 7.5W	\$51.30
X	X	X	X	RSN4001	External Speaker 13 W	\$71.28
<b>HANDSFREE</b>						
X		X		AARMN4027	Visor Mounted Microphone	\$57.25
X	X	X	X	RLN4856	Footswitch with Remote PTT	\$86.40
X	X	X	X	RLN4857	Pushbutton with Remote PTT	\$41.58
<b>POWER CABLES</b>						
X	X	X	X	HKN4137	Mobile Pwr Cable 10 FT, 14 AWG, 15A	\$19.44
X	X	X	X	HKN4191	Mobile Pwr Cable 10 FT, 12 AWG, 20A	\$31.32
	X		X	HKN4192	Mobile Pwr Cable 20 FT, 10 AWG, 20A	\$47.52
X	X	X	X	HKN9327_R	Ignition Switch Cable	\$18.36
X		X		HLN9242	16-Pin Accessory Kit with Expanded Connector for CM/SM/M1225. Includes 9 wires with lugs, 1 connector housing, 16	\$16.00
	X		X	HLN9457	16 Pin MAP Connector Kit	\$7.51
<b>MOUNTING</b>						
	X		X	FTN6083	DIN Mount Kit	\$59.40
X		X		GLN7317	High Profile Mounting Bracket (VHF, UHF, 200 MHz & 700 MHz)	\$22.68
X		X		GLN7324	Low Profile Mounting Bracket (VHF, UHF, 200 MHz & 700 MHz)	\$14.31
X		X		RLN4779	Key Lock Mounting Bracket (VHF, UHF, 200 MHz & 700 MHz)	\$57.02
	X		X	RLN6466	Low Profile Trunnion Kit (this is the trunnion kit that ships standard with the CM200d/CM2300d (RLN6469),but is packaged	\$17.28
	X		X	RLN6467	High Profile Trunnion Kit	\$22.68
	X		X	RLN6468	Key Lock Trunnion Kit	\$131.76
<b>PUBLIC ADDRESS</b>						
X		X		HKN9324_R	15 Ft. Public Address & Speaker Cable (one cable per speaker)	\$44.00
X		X		HSN1006	External Speaker for Car Kit	\$104.00

**US VERSION**

**X= COMPATIBLE**

**RESELLER PRICES**

**VX/EVX ACCESSORIES**

VX-261	VX-264	VX-450	EVX-S24	EVX-261	K-2100VX-2200	MODEL NUMBER	DESCRIPTION	MSRP
<b>PORTABLE ANTENNAS</b>								
		X				AAH72X501	ATU-16B UHF Antenna 400-420 MHz	\$16.04
		X				AAH72X502	ATU-16C UHF Antenna 420-450 MHz	\$16.04
		X				AAH72X503	ATU-16D UHF Antenna 450-470 MHz	\$16.04
			X			AAM23X501	ATU-20AS Regular Stubby Antenna 400-430 MHz	\$10.31
			X			AAM23X504	ATU-20CS Regular Stubby Antenna 420-450 MHz	\$10.31
			X			AAM23X502	ATU-20DS Regular Stubby Antenna 440-470 MHz	\$10.31
			X			AAM23X503	ATU-20FS Regular Stubby Antenna 450-480 MHz	\$10.31
			X			AAM28X501	ATU-21AS Super Stubby Antenna 400-420 MHz	\$10.31
			X			AAM28X502	ATU-21CS Super Stubby Antenna 420-440 MHz	\$10.31
			X			AAM28X503	ATU-21DS Super Stubby Antenna 440-460 MHz	\$10.31
			X			AAM28X504	ATU-21FS Super Stubby Antenna 460-480 MHz	\$10.31
X			X			AAE23X501	ATU-6A 400-430 MHz	\$16.04
X				X		AAE20X503	ATU-6DS Antenna 450-485 MHz	\$16.04
			X	X		AAE23X506	ATU-6B Antenna 420-450 MHz	\$16.04
			X	X		AAE23X502	ATU-6C Antenna 440-470 MHz	\$16.04
X			X	X		AAE23X503	ATU-6D Antenna 450-485 MHz	\$16.04
X				X		AAE23X504	ATU-6F 490-512 MHz	\$16.04
	X					AAH73X502	ATV-16A VHF Antenna 136-150 MHz	\$16.04
	X					AAH73X503	ATV-16B VHF Antenna 150-162 MHz	\$16.04
	X					AAJ10X501	ATU-16BS UHF 400-430 MHz Stubby	\$16.04
	X					AAH73X504	ATV-16C VHF Antenna 162-174 MHz	\$16.04
	X					AAJ10X502	ATU-16DS UHF 450-490 MHz Stubby	\$16.04
	X					AAH73X501	ATV-16XL VHF Untuned Antenna	\$16.04
X						AAE19X502	ATV-6B Antenna 150-163 MHz	\$17.18
X						AAE19X503	ATV-6C Antenna 161-174 MHz	\$14.89
X				X		AAG42X501	ATV-6XL Untuned VHF Antenna	\$16.04
X				X		AAE24X501	ATV-8A Antenna 134-150 MHz	\$16.04
X				X		AAE24X502	ATV-8B Antenna 150-163 MHz	\$16.04
X				X		AAE24X503	ATV-8C Antenna 162-174 MHz	\$16.04
<b>BATTERIES</b>								
X	X			X		AAJ67X501	FNB-V133LI-UNI 1380 mAh Li-ion Battery	\$44.56
X	X			X		AAJ68X501	FNB-V134LI-UNI 2300 mAh Li-ion Battery	\$77.97
	X					AAK66X501	FNB-V134LIIS 2300 mAh Li-Ion Battery, Intrinsically Safe	\$133.68
<b>CARRY CASES</b>								
			X			AAM18X501	CLIP-27 Belt Clip	\$11.46
X	X			X		AAH12X501	CLIP-20 Belt Clip	\$11.46
	X					AAJ14X501	LCC-133LN BELT LOOP CASE (FNB-V133LI-UNI) NO DISPLAY	\$36.67
	X					AAJ14X502	LCC-134LN BELT LOOP CASE (FNB-V134LI-UNI) NO DISPLAY	\$36.67
	X					AAJ14X503	LCC-133SN SWIVEL BELT CLIP CASE (FNB-V133LI-UNI) NO DISPLAY	\$48.12
	X					AAJ14X504	LCC-134SN SWIVEL BELT CLIP CASE (FNB-V134LI-UNI) NO DISPLAY	\$48.12
	X					AAJ14X505	LCC-133LD BELT LOOP CASE (FNB-V133LI-UNI) DISPLAY	\$36.67
	X					AAJ14X506	LCC-134LD BELT LOOP CASE (FNB-V134LI-UNI) DISPLAY	\$36.67
	X					AAJ14X507	LCC-133SD SWIVEL BELT CLIP CASE (FNB-V133LI-UNI) DISPLAY	\$48.12
	X					AAJ14X508	LCC-134SD SWIVEL BELT CLIP CASE (FNB-V134LI-UNI) DISPLAY	\$48.12
			X			AAM22X501	LCC-S24 Leather case with belt loop	\$38.96
			X			AAM22X502	LCC-S24S Leather case with swivel belt loop	\$50.41
X				X		AAM03X511	LCC-261 Leather case with belt loop (FNB-V133LI-UNI)	\$36.67
X				X		AAM03X512	LCC-261H Leather case with belt loop (FNB-V134LI-UNI)	\$36.67
X				X		AAM03X513	LCC-261S Leather case with swivel belt loop (FNB-V133LI-UNI)	\$48.12
X				X		AAM03X514	LCC-261SH Leather case with swivel belt loop (FNB-V134LI-UNI)	\$48.12
X						AAM04X501	LCC-264 Leather case with belt loop (FNB-V133LI-UNI)	\$36.67
X						AAM04X502	LCC-264H Leather case with belt loop (FNB-V134LI-UNI)	\$36.67
X						AAM04X503	LCC-264S Leather case with swivel belt loop (FNB-V133LI-UNI)	\$48.12
X						AAM04X504	LCC-264SH Leather case with swivel belt loop (FNB-V134LI-UNI)	\$48.16
<b>CHARGERS</b>								
X	X			X		XUAAJ72X511	VAC-UNI 120V Single Unit Charger	\$41.25
X	X			X		XUAAJ72X512	VAC-UNI 220V Single Unit Charger	\$41.25
			X			AAM19X501	CD-65 Standard Charging Cradle	\$22.92
			X			AAM20X501	CD-66 Enhanced Charging Cradle	\$34.38
X	X			X		XUAAK44X511	VAC-6058 120V Multi Unit Charger	\$515.60
X	X			X		AAK45X501	VCM-5 Vehicle Charger Mounting Adapter	\$82.49
<b>HEADSETS AND SURVEILLANCE</b>								
			X			AAM21X501	MH-89A4B Earpiece Microphone	\$45.84
X	X			X		AAL40X501	VH-150A IS Lightweight Behind-the-head VOX Headset	\$74.26
X	X			X		AAL41X501	VH-150B IS Lightweight Over-the-head VOX Headset	\$84.87

X	X		X		AAL82X501	MH-100 3.5MM Earpiece for RSM Audio Jack	\$21.77
X	X		X		AAL83X501	MH-101A4B 1 Wire Surveillance Kit	\$45.84
X	X		X		AAL84X501	MH-102A4B 2 Wire Surveillance Kit	\$63.02
X	X		X		AAL85X501	MH-103A4B 3 Wire Surveillance Kit	\$80.20
X	X		X		AAK50X501	MH-37A4B-1 Earpiece Microphone Single Wire Surveillance Kit	\$45.84
<b>SPEAKER MICROPHONES</b>							
X	X		X		AAE46X507	MH-66A4B IP57 Submersible Speaker Microphone	\$105.41
		X			AAM24X501	MH-90A4B Compact Speaker Microphone	\$36.67
		X			AAE46X509	MH-66F4B IP57 Submersible Speaker Microphone	\$105.41
X	X		X		AAF52X501	MH-360S Compact Speaker Microphone	\$24.06
X	X		X		AAF53X501	Phone Jack	\$30.55
X	X				A13960507	MH-45B4B Noise Cancelling Speaker Microphone	\$93.96
<b>PORTABLE SERVICE TOOLS</b>							
X	X		X		AAD68X501	CT-106 Interface Cable fro FIF-12	\$42.44
X	X		X	X	AAJ23X501	FIF-12 USB Interface for PC programming	\$159.14
		X			CB000262A01	Micro USB Programming Cable	\$21.45
				X	AAD66X502	CT-104A Interface Cable for FIF-12	\$42.44
	X				AAF26X002	CT-124B Firmware Cable. Requires FIF-12A.	\$63.65
	X				AAH77X001	CT-153 Clone cable	\$53.05
X	X		X		XURTS0008	CT-27A Radio to radio cloning cable	\$14.85
				X	T9101411	CT-4 Programming Cable - Radio to Radio Cloning	\$29.28
X	X		X	X	AAJ06X001	FRB-6 Tuning Interface (Requires Connection Cable)	\$360.71
X	X		X		AAJ08X001	CT-160 Connection Cable 4-Pin Mic Jack (Use with FRB-6)	\$58.35
<b>MOBILE MICROPHONES</b>							
				X	AAF13X501	MD-12A8J Desktop Microphone	\$116.87
				X	AAE60X502	MH-67A8J Standard Microphone	\$45.84
				X	AAG22X501	MH-75A8J DTMF Microphone	\$63.02
<b>MOBILE SPEAKERS</b>							
				X	A09260503	MLS-100 External Speaker	\$71.04
				X	AAD49X501	MLS-200 Waterproof External Speaker	\$84.87
<b>MOBILE POWER SUPPLY</b>							
				X	XUSLX0001A	SEC-1223 Desktop Switching Power Supply 120 VAC	\$230.09
<b>OPTION BOARDS</b>							
				X	XUCMR0003	installed in VX-5500/6000)	\$73.53
	X				AAH88X001	DVS-9 Mandown and voice storage	\$106.09
<b>MISCELLANEOUS</b>							
	X				AAH99X101	CSS-450 Channel Selector Stopper	\$8.49



U.S. RESELLER

## Commercial Radio Price Pages

### General Information

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#### [MOTOTRBO Two-Way Radio Solutions Brochure](#)

For more information on MOTOTRBO Two-Way Radio Solutions and features available, please visit:

[https://www.motorolasolutions.com/content/dam/msi/docs/products/two-way-radios/mototrbo/mototrbo\\_solutions\\_at\\_a\\_glance\\_brochure.pdf](https://www.motorolasolutions.com/content/dam/msi/docs/products/two-way-radios/mototrbo/mototrbo_solutions_at_a_glance_brochure.pdf)

#### [Quantity Discount Program](#)

Not available at this time.

Prices may be subject to change without notice

**US VERSION**

## VL50™ Portable

Product in cancellation process

### Standard Package Includes:

- Standard Battery (1100 mAh Li-ion, 3.6V - 56557)
- Standard Charger (120V Double Unit Charger - 56553)
- Swivel Belt Holster (HCLN4013)
- User Guide (6881096C37)
- Two Year Warranty

### Product Features:

- Up to 8 Channels
- 12.5 kHz Channel Spacing
- Scan
- 83 DPL, 38 PL Codes
- VibraCall Alert
- Battery Meter
- Radio Signal Strength Indicator
- Enhanced VOX (No accessory needed)
- 7 Selectable Call Tones



### Default Frequencies:

UHF

464.5000	467.8500
464.5500	467.8750
467.7625	467.9000
467.8125	467.9250

### Models (Product in cancellation process)

Model #	Band Split	Band	Power	Conv Chan	Display	Keypad	MSRP
P24VPC03D2_A	464.5-467.9 MHz	UHF	1W	8	Yes	No	\$255.00

### FCC Information:

AZ489FT4926

# DTR700

**\*Prices Have Been Updated According to the 5/9/2022 Price Increase\***

**Standard Package Includes:**

- DTR700 Radio
- Standard 2500mAh Li-Ion Rechargeable Battery
- Drop-In Charger w/ Power Adaptor
- Swivel Belt Holster
- Quick Reference Guide
- Two Year Warranty

**Product Features:**

- 50 Digital Channels
- License-free Communication on 900 MHz Digital ISM Band
- Enhanced Private Communication via FHSS (Frequency Hopping Spread Spectrum)
- Full graphic color display
- Long battery life up to 16.5 hours \*
- Anti-microbial housing that prevents the growth of mold and germs
- Compact durable design that meets U.S. Military 810G standards for shock, vibration, water, dust
- Programmable button that can be used to quickly access call functions
- 4 Digit Profile ID for Non-Interference communication
- Extended Range with clear Communicate across 350,000 sq ft and up to 30 floors \*\*
- Talk Permit Tone indicates when the channel is available to speak
- Home Channel Revert to automatically return after the end of a call on a different channel
- Clone radio configuration using the cloning cable (sold separately)
- CPS for custom configuration of programmable button, profile ID, channel alias, radio name, etc
- VibraCall vibration alert
- Power Saving Mode

**Special Calling Features:**

- Private Reply - respond with a one-to-one call to the person who last spoke
- Direct Call - one-to-one call to a pre-configured radio (e.g. manager, principal, security, etc.)
- Call All Available - group call across all channels to everyone not engaged in a call \*\*\*
- Page All Available - one-way announcement across all channels to everyone not in a call \*\*\*



**Models**

Model #	Band Split	Band	Power	Conv. Channels	Display	Keypad	MSRP
DTS150NBDLAA	N/A	900 MHz	On-Site Digital	N/A	Yes	Limited	\$464.00

\* Typical battery life, 5/5/90 profile at maximum transmitter power. Actual observed runtimes may vary

\*\* Coverage depends on terrain and environmental conditions

\*\*\* Does not interrupt ongoing communication

US Version

## BPR™40 Portable

\*Prices Have Been Updated According to the 5/9/2022 Price Increase\*

### Standard Package Includes:

- 8 Channel Model (Mag One Battery NiMH, 1200 mAh - PMNN4071\_R
- 16 Channel Model (Mag One Battery Li-ion, 1500 mAh - PMNN4075\_R
- Mag One Tri - Chemistry Rapid Charger Kit (includes PMLN5041\_R Base/
- Mag One Antenna (VHF PMAD4051\_R / UHF PMAE4020\_R)
- Mag One Spring Belt Clip (PMLN4743)
- Operating Instruction Manual
- Warranty: One Year
- Mag One Accessories (except batteries): Six Months
- All Other Accessories (includes Mag One Battery and Motorola accessories): One Year

### Product Features:

- 8 or 16 Channels
- 12.5 kHz only Channel Spacing
- 2 Programmable Buttons
- Adjustable Power Levels (ships with 1W)
- Priority Scan
- Small Size and Light Weight

### Programmable Features:

- Nuisance Channel Delete
- PL/DPL Enable
- High/Low Power
- Volume Set
- Scan
- Talkaround

### Frequencies Not Allowed:

VHF	UHF
158.91000	453.46500
173.27500	457.15000
173.26875	460.84375

### Default Frequencies:

VHF	UHF
151.625	464.500

Additional frequencies can be added using the Customer Programming Software  
All frequencies must be divisible by 5.0 or 6.25 kHz



### Models

Model #	Band Split	Band	Power	Conv	Display	Keypad	MSRP
AAH84KDS8AA1_N	150-174 MHz	VHF	5W	8	No	No	\$275.00
AAH84KDJ8AA1_N	150-174 MHz	VHF	5W	16	No	No	\$304.00
AAH84RCS8AA1_N	450-470 MHz	UHF	4W	8	No	No	\$294.00
AAH84RCJ8AA1_N	450-470 MHz	UHF	4W	16	No	No	\$324.00

### Configuration Option

Model #	Description	MSRP
STDPRG0027AA	STANDARD PROGRAMMING	\$0.00

**NOTE: US orders must select this option**

Options	Description	MSRP
STDWAR0027AA	STANDARD WARRANTY	\$0.00
Q884	1 Year Service from the Start - LITE (US Only)	\$34.00
H885	2 Year Service from the Start - LITE (US Only)	\$65.00
H886	3 Year Service from the Start - LITE (US Only)	\$97.00

### Service from the Start LITE

Sfs LITE 1, 2 or 3 years of extended hardware repair coverage beginning at date of shipment. Repairs will be made

### FCC/IC Information:

VHF: AZ489FT3810 / 109U-89FT3810  
UHF: AZ489FT4873 / 109U-89FT4873

### Environmental Specifications:

Operating Temperature: -30° C to +60° C (Radio Only)  
Sealing: IPX4



## BPR™40d Digital

**\*Prices Have Been Updated According to the 5/9/2022 Price Increase\***

**Standard Package Includes:**

- 16 Channel Model (Mag One Battery Li-ion, 1500 mAh - PMNN4075\_R
- Mag One Tri - Chemistry Rapid Charger Kit (includes PMLN5041\_R
- Mag One Antenna ( UHF PMAE4020\_R)
- Spring Belt Clip (PMLN4743A)
- Operating Instruction Manual
- Standard Warranty
- Portable: Two Year
- Mag One Accessories : Six Months
- All Other Accessories (includes Mag One Battery and Motorola accessories): One Year

**Product Features:**

- 16 Channels
- 12.5 kHz only Channel Spacing
- 2 Programmable Buttons
- Adjustable Power Levels (ships with 1W)
- Priority Scan
- Small Size and Light Weight

**Programmable Features:**

- Nuisance Channel Delete
- PL/DPL Enable
- High/Low Power
- Volume Set
- Scan
- Talkaround



**Frequencies Not Allowed:**

- UHF
- 453.46500
- 457.15000
- 460.84375
- 464.52500
- 469.11500

**Default Frequencies:**

- UHF
- 464.5

Additional frequencies can be added using the Customer Programming Software  
 All frequencies must be divisible by 5.0 or 6.25 kHz  
 Caution: Frequencies on the VHF band in the US have been assigned by the FCC with channel centers every 7.5 kHz, which means some of these frequencies are not

**Models**

Model #	Band Split	Band	Power	Conv	Display	Keypad	MSRP
AAH85EDJ8AD3AN	403-470 MHz	UHF	4W	16	No	No	\$353.00

**Configuration Option**

Model #	Description	MSRP
STDPRG0027A	STANDARD PROGRAMMING	\$0.00

**NOTE: US orders must select this option**

**Warranty & Service**

BPR40d radios ship standard with 2 years of Limited Warranty ;during this time we will offer Level 2 support at

**FCC/IC Information:**

UHF: AZ489FT4955 / 109U-89FT4955

**Environmental Specifications:**

Operating Temperature: -30° C to +60° C (Radio Only)

Sealing: IP54

## CP185™ Portable

*\*Prices Have Been Updated According to the 5/9/2022 Price Increase\**

### Standard Package Includes:

- Standard Battery (Li-Ion, 1750T mAh, PMNN4476A)
- Rapid Rate Charger CEC Compliant (< 3 Hours - Base: PMPN4132A, Supply: 25009297001)
- Standard Antenna (VHF Heliflex NAD6502\_R / UHF Stubby PMAE4003\_R) *\* See General Notes*
- 2" Spring Action Belt Clip (HLN9844)
- Quick Reference Guide (68007024011)
- 2 Year Warranty

### Product Features:

- Built-in Simple Voice Scrambling
- Internal VOX
- 12.5 kHz only Channel Spacing
- Companding-Expanding (X-Pand™)
- 8-Character Alphanumeric Display
- 16 Channels
- 2 Programmable Side Buttons
- 3 Programmable Front Buttons
- Front Panel Feature and Button Configuring Mode
- Battery Saver
- Normal and Priority Scan (1 List)
- Multi-Channel Capability
- High Power
- Talkaround Capability
- Ergonomically Designed
- Busy Channel Lockout
- Low Battery Alert
- Receive Only Channel

### Programmable Features:

- Backlight
- Channel Alias
- Channel Scan
- Keypad Lock
- Monitor
- Nuisance Channel Delete
- Power Level
- Repeater / Talkaround
- Reverse Burst
- Scrambling Code Select
- Scrambling On/Off
- Squelch Level
- Sticky Monitor
- TPL/DPL Enable
- Volume Set
- VOX On / Off

### Frequencies Not Allowed:

140.000	155.175	167.030	446.440	460.000
155.010	155.505	169.995	446.445	467.785
155.050	159.995	170.000	455.895	467.900
155.030	160.000	170.005	456.010	468.010
155.015	160.005	173.985	456.015	468.125
155.170	161.450	173.990	456.125	468.240
155.180	167.025		458.195	470.000
				479.900



### Default Frequencies:

157.680  
464.475

Additional frequencies can be added using the CPS. All frequencies must be divisible by 5.0 or 6.25 kHz.

**Caution:** Frequencies on the VHF band in the US have been assigned by the FCC with channel centers every 7.5 kHz, which means some of these frequencies are not evenly divisible by 6.25 kHz or 5 kHz. In order for a radio to be able to synthesize frequencies that are not evenly divisible by 6.25 kHz or 5 kHz,

### Standard Models

Model #	Band Split	Band	Power	Conv Chan	Display	Keypad	MSRP
AAH03KEF8AA7AN	136-174 MHz	VHF	2-5W	16	Yes	Limited	\$371.00
AAH03RDF8AA7AN	435-480 MHz	UHF	2-4W	16	Yes	Limited	\$390.00

## CP185™ Portable

**Options: TO COMPLETE AN ORDER YOU MUST SELECT ONE (1) CONFIGURATION OPTION**

### Configuration Options

Options	Description	MSRP
STDPKG0133	Li-Ion 1750T mAh Battery (PMNN4476) & Charger	\$0.00
QA01113	Li-Ion High Cap.2150 mAh Battery (PMNN4080) & Charger	\$19.62
QA07009	Li-Ion 1750T mAh Battery (PMNN4476) & NO Charger	-\$10.00
QA07010	Li-Ion High Cap.2150 mAh Battery (PMNN4080) & NO Charger	\$0.00

### General Options

Options	Description	MSRP
HA00041	Retail Temple Transducer (PMLN5003)	\$98.08
QA00531	RSM with Ear Jack, Coiled Cord and Swivel Clothing Clip (PMMN4013)	\$91.84
QA00532	RSM with IP57 Rating, Coiled Cord and Swivel Clothing Clip (PMMN4029)	\$93.63
QA01116	Lightweight Single Muff Adjustable Headset w/Swivel Boom Microphone (HMN9013)	\$71.33
QA01117	UHF Whip (16.5 cm) 430-520Mz (PMAE4016)	\$17.07
QA01315	VHF Stubby (9 cm) 136-155 MHz (PMAD4012)	\$14.71
QA01316	VHF Stubby (9 cm) 155-174 MHz (PMAD4013)	\$14.71
QA01318	VHF Heliflex 136-162 MHz (HAD9338)	\$17.07
Q884	1 Year Service from the Start - LITE (US Only)	\$34.00
H885	2 Year Service from the Start - LITE (US Only)	\$65.00
H886	3 Year Service from the Start - LITE (US Only)	\$97.00

#### Service from the Start LITE

MOTOTRBO portable and mobiles radios ship with a standard 2-year parts and labor warranty. Additionally, they ship standard with a 1-year Service from the Start -LITE (SFS) option. If you desire additional years of SFS, you may choose one of the above general options. Please note that these plans are in addition to the 2-year standard warranty and 1 year SFS that ships standard with the unit. Repairs will be made only at the designated Motorola repair depot. Local services are not included. Motorola will pay the inbound shipping charges only with use of the Motorola designated delivery service. Motorola will pay for outbound shipping via Motorola's normal shipping methods. No discounts are allowed on these options.

#### General Notes

The UHF Stubby standard antenna PMAE4003\_R, provides a coverage range of 430 to 470 MHz. Should you need coverage up to 480 MHz, the QA01117 antenna option must be ordered

#### FCC Information:

VHF: AZ489FT3882

UHF: AZ489FT4883

#### Environmental Specifications:

Operating Temperature: -30° to +60° C (Radio Only)

Sealing: IP54

**US DEALER VERSION**

**CP100d™ Portable**

*\*Prices Have Been Updated According to the 5/9/2022 Price Increase\**

**Standard Package Includes:**

- Standard Battery (Li-ion, 1750 mAh, PMNN4476\_)
- Standard Charger CEC Complaint (90 Minute Rapid Rate - PMPN4132\_)
- Standard Antenna (VHF Heliflex NAD6502\_R / UHF Whip PMAE4016)
- 2" Belt Clip (HLN9844\_)
- 2 Year Warranty + 1 Year Essential Repair

**Product Features:**

- 16 Channels (No Display Model)
- 160 Channels (Display Model)
- 6.25e / 12.5 kHz Channel Spacing
- 2 Programmable Side Buttons
- 3 Front Programmable Buttons (Display Model)
- Front Panel Programming (Display Model)
- LED Battery Indicator

**Analog Features:**

- Voice Scrambling
- Time-Out-Timer
- Busy Channel Lockout
- Internal VOX
- Normal and Priority Scan
- Receive Only Channel
- Busy Channel Lockout

**Digital Features:**

- Voice Announcement
- Radio Check (Decode)
- Remote Monitor (Decode)
- Radio Inhibit (Decode)
- Transmit Interrupt (Decode)

**Programmable Features:**

- High / Low Power
- Channel Scan
- Battery Indicator
- Monitor / Permanent Monitor
- Nuisance Channel Delete
- One Touch Access
- Permanent Monitor
- VOX On / Off
- Tones & Alerts On/Off
- Repeater / Talkaround
- Voice Announcement
- Brightness (Display Only)
- Keypad Lock (Display Only)
- Live Dial Feature (Full Keypad Only)
- DTMF tones (Full Keypad Only)



**Frequencies Not Allowed:**

All self-quieter frequencies are +/- 5kHz

VHF	UHF
144.000	441.600
153.600	444.000
160.000	460.800
	480.000

**Non-Display Models**

Model #	Band Split	Band	Power	Conv Chan	Display	Keypad	MSRP
AAH87JDC9JA2AN	136-174 MHz	VHF	5W	16	No	No	\$441.00
AAH87YDC9JA2AN	403-480 MHz	UHF	4W	16	No	No	\$441.00

**Display (Limited Keypad) Models**

Model #	Band Split	Band	Power	Conv Chan	Display	Keypad	MSRP
AAH87JDH9JA2AN	136-174 MHz	VHF	5W	160	Yes	Limited	\$555.00
AAH87YDH9JA2AN	403-480 MHz	UHF	4W	160	Yes	Limited	\$555.00

**Display (Full Keypad) Models**

Model #	Band Split	Band	Power	Conv Chan	Display	Keypad	MSRP
AAH87JDF9JA2AN	136-174 MHz	VHF	5W	160	Yes	Full	\$581.00
AAH87YDF9JA2AN	403-480 MHz	UHF	4W	160	Yes	Full	\$581.00

**Analog (No Keypad) Models**

Model #	Band Split	Band	Power	Conv Chan	Display	Keypad	MSRP
AAH87JDC9JC2AN	136-174 MHz	VHF	5W	16	No	No	\$282.00
AAH87YDC9JC2AN	403-480 MHz	UHF	4W	16	No	No	\$282.00

## CP100d™ Portable

**Options: TO COMPLETE AN ORDER YOU MUST SELECT ONE (1) CHOICE FOR EACH OPTION**

### Battery Options

Options	Description	MSRP
STDBAT0278	Standard Battery - Li-Ion, 1750T mAh Battery (PMNN4476)	\$0.00
QA08064	Hi-Cap Li-Ion, 2150T mAh Battery (PMNN4080_R)	\$19.62
QA08065	NiMH, 1400T mAh Battery (PMNN4082_R)	\$0.00

### Antenna Options

Options	Description	MSRP
STDANT0278	Standard Whip Antenna (UHF-PMAE4016, VHF-NAD6502_R)	\$0.00
QA08066	VHF 9cm Stubby Antenna, 136-162 MHz (HAD9742)	\$0.00
QA08067	VHF 8cm Stubby Antenna, 162-174 MHz (HAD9743)	\$0.00
QA08068	VHF Heliflex Antenna, 136-162 MHz (HAD9338)	\$0.00
QA08185	UHF 9cm Stubby Antenna, 403-433 MHz (PMAE4002)	\$0.00
QA08186	UHF 9cm Stubby Antenna, 430-470 MHz (PMAE4003)	\$0.00
QA08187	UHF 9cm Stubby Antenna, 465-495 MHz (PMAE4006)	\$0.00
H112	Omit Antenna	-\$3.50

### Charger Options

Options	Description	MSRP
STDCHG0278	Standard Charger (PMPN4172)	\$0.00
H951	Omit Standard Charger	-\$10.00

### Shipping Options

Options	Description	MSRP
STDBOX0278	Standard Model Box	\$0.00
H415	Bulk Packaging	\$0.00

### Warranty Options

Options	Description	MSRP
STDESS0278	3 Year Essential Repair	\$0.00
QA00510	Omit 1 Year Essential Repair (Omitting this option provides 2 years of warranty)	-\$18.33
H886	Add: 5 Year Essential Repair	\$65.00

### General Options

Options	Description	MSRP
QA08163	Remote Speaker Microphone with Ear Jack, Coiled Cord and Swivel Clothing Clip (PMMN4013)	\$91.84
QA08165	D-Style Earpiece with In-Line Mic and PTT (PMLN6535)	\$32.10
QA08166	2-Wire Beige Surveillance Earpiece with Clear Acoustic (PMLN6445)	\$49.76
HKVN4892A	Analog to Digital Upgrade	\$158.00

### Essential Repair

MOTOTRBO portable and mobile radios ship with a standard 2-year parts and labor warranty. Additionally, they ship standard with a 1-Year Essential Repair option. If you desire additional years of Essential Repair, you may choose the 5-Year Essential Repair option instead. Essential Repair coverage starts on the day of shipment and continues for the term selected at the time of the device purchase. In addition to extending the device hardware repair coverage period, Essential Services also offers priority repair, with the same terms as the corresponding Service from the Start level; priority repair includes fast depot turnaround times and pre-paid, two-day air inbound shipping with use of Motorola Online (MOL) to initiate the repair. Terms are set at the length of either three years or five years of coverage with purchase of the device. Repairs will be made only at the designated Motorola repair depot. Local services are not included. No discounts are allowed on these options.

### FCC/IC Information:

(136-174 MHz) - AZ489FT3847 / 109U-89FT3847  
 (403-480 MHz) - AZ489FT4953 / 109U-89FT4953

### Environmental Specifications:

Operating Temperature: -30° to +60° C (Radio Only)  
 Sealing: IP54

## CP200d™ Portable

**\*Prices Have Been Updated According to the 5/9/2022 Price Increase\***

**Standard Package Includes:**

- Standard Battery (Li-ion, 2250 mAh, 7.5V - NNTN4497\_R)
- Standard Charger CEC Complaint (90 Minute Rapid Rate - PMPN4173A)
- Standard Antenna (VHF Heliflex NAD6502\_R / UHF Whip PMAE4016)
- 3" Belt Clip (HLN8255)
- 2 Year Warranty + 1 Year Essential Repair

**Product Features:**

- 6.25e / 12.5 kHz only Channel Spacing
- 2 Programmable Side Buttons
- LED Battery Indicator

**Analog Features:**

- Companding X-Pand™ Technology
- Time-Out-Timer
- Busy Channel Lockout
- Internal VOX
- Single Priority Scan
- Adjustable Power Levels
- MDC1200 PTT ID (Encode)
- Quik Call II Call Alert (Decode)
- Quik Call II Selective Call (Decode)

**Digital Features:**

- Optional for Analog models
- Standard for Digital models
- Basic Privacy
- Radio Check (Decode)
- Remote Monitor (Decode)
- Radio Inhibit (Decode)
- Dual Priority Scan
- Transmit Interrupt (Decode)

**Programmable Features:**

- High / Low Power
- Channel Scan
- LED Battery Indicator
- Squelch Levels
- Repeater / Talkaround
- Volume Set
- Tight / Normal Squelch
- VOX On / Off
- Nuisance Channel Delete
- Voice Announcement Scan (Digital Mode)

**Frequencies Not Allowed:**

All self-quieter frequencies are +/- 5kHz

VHF	UHF
144.000	420.000
153.600	440.000
172.800	



**Analog Models**

Model #	Band Split	Band	Power	Conv Chan	Display	Keypad	MSRP
AAH01JDC9JC2AN	136-174 MHz	VHF	5W	16	No	No	\$571.00
AAH01QDC9JC2AN	403-470 MHz	UHF	4W	16	No	No	\$610.00

**Digital Models**

Model #	Band Split	Band	Power	Conv Chan	Display	Keypad	MSRP
AAH01JDC9JA2AN	136-174 MHz	VHF	5W	16	No	No	\$669.00
AAH01QDC9JA2AN	403-470 MHz	UHF	4W	16	No	No	\$708.00

## CP200d™ Portable

**Options: TO COMPLETE AN ORDER YOU MUST SELECT ONE (1) CHOICE FOR EACH OPTION**

### Battery Options

Options	Description	MSRP
STDBAT0752	Standard Battery - Li-Ion, 2250 mAh Battery (NNTN4497_R)	\$0.00
QA03815	Slim Li-Ion, 1600 mAh Battery (NNTN4970)	\$0.00
QA03816	NiMH, 1400 mAh Battery (NNTN4851)	\$0.00

### Antenna Options

Options	Description	MSRP
STDANT0752	Standard Whip Antenna (UHF-PMAE4016, VHF-NAD6502_R)	\$0.00
QA00194	VHF Stubby Antenna, 146-162 MHz (HAD9742)	\$0.00
QA00189	VHF Stubby Antenna, 162-174 MHz (HAD9743)	\$0.00
QA03800	UHF Stubby Antenna, 403-433 MHz (PMAE4002)	\$0.00
QA00190	UHF Stubby Antenna, 430-480 MHz (PMAE4003)	\$0.00
H112	Omit Antenna	-\$3.50

### Charger Options

Options	Description	MSRP
STDCHG0752	Standard Charger CEC Compliant - 90 Minute Rapid Rate w/ Switch Mode Power Supply (PMPN4173A)	\$0.00
H951	Omit Standard Charger	-\$15.00

### Shipping Options

Options	Description	MSRP
STDBOX0752	Standard Model Box	\$0.00
H415	Bulk Packaging	\$0.00

### Warranty Options

Options	Description	MSRP
STDESS0752	3 Year Essential Repair	\$0.00
QA00510	Omit 1 Year Essential Repair (Omitting this option provides 2 years of warranty)	-\$18.33
H886	Add: 5 Year Essential Repair	\$65.00

### General Options

Options	Description	MSRP
QA00531	Remote Speaker Microphone with Ear Jack, Coiled Cord and Swivel Clothing Clip (PMMN4013)	\$91.84
QA00532	Remote Speaker Microphone with IP57 Rating, Coiled Cord & Swivel Clothing Clip (PMMN4029)	\$93.63
QA04002	Lightweight Headset with Swivel Boom Microphone (PMLN6538)	\$71.33
HKVN4223	Analog to Digital Upgrade	\$105.00

### Essential Repair

MOTOTRBO portable and mobile radios ship with a standard 2-year parts and labor warranty. Additionally, they ship standard with a 1-Year Essential Repair option. If you desire additional years of Essential Repair, you may choose the 5-Year Essential Repair option instead. Essential Repair coverage starts on the day of shipment and continues for the term selected at the time of the device purchase. In addition to extending the device hardware repair coverage period, Essential Services also offers priority repair, with the same terms as the corresponding Service from the Start level; priority repair includes fast depot turnaround times and pre-paid, two-day air inbound shipping with use of Motorola Online (MOL) to initiate the repair. Terms are set at the length of either three years or five years of coverage with purchase of the device. Repairs will be made only at the designated Motorola repair depot. Local services are not included. No discounts are allowed on these options.

### FCC/IC Information:

PMUD3231A (136-174 MHz) - ABZ99FT3092 / 109AB-99FT3092  
 PMUE4147A (403-470 MHz) - ABZ99FT4094 / 109AB-99FT4094  
 PMUD3231B (136-174 MHz) - AZ489FT3845 / 109U-89FT3845  
 PMUE4147B (403-470 MHz) - AZ489FT4948 / 109U-89FT4948

### Environmental Specifications:

Operating Temperature: -30° to +60° C (Radio Only)  
 Sealing: IP54

## US VERSION

# SL300™ Portable

**\*Prices Have Been Updated According to the 5/9/2022 Price Increase\***

### Standard Package Includes:

- Standard Battery (Li-ion, 2200 mAh - PMNN4468)
- Standard Micro-USB Wall Charger (25009298001)
- VHF Stubby / UHF Stubby Antenna (Must Select Option)
- Standard Carry Holster (PMLN7190)
- Battery Door Cover (PMLN7074)
- 2 Year Warranty + 1 Year Essential Repair

### Product Features:

- Digital (3W) and Analog (2W) Mode
- 2 Zones (Display Model)
- Dual Capacity Direct Mode
- 6.25e / 12.5 kHz Channel Spacing
- 1 Programmable Side Button. Display Model Includes Menu List
- Basic Privacy
- Busy Channel Lockout
- Emergency
- LED Battery Indicator
- Lone Worker
- MDC1200
- Quik Call II
- Radio Check (Decode)
- Radio Inhibit (Decode)
- Remote Monitor (Decode)
- Scan - Priority / Dual Priority
- Time-Out-Timer
- Voice Announcement
- Uses MOTOTRBO CPS
- Radio Management Capable

### Programmable Features:

- All Alert Tones On/Off
- Brightness (Display Model)
- Emergency On/Off
- High / Low Power
- Monitor
- Nuisance Channel Delete
- One Touch Button
- Permanent Monitor
- Privacy On/Off
- Repeater / Talkaround
- Scan On/Off
- Scrambling On/Off
- Site Lock On/Off
- Tight / Normal Squelch
- Voice Announcement On/Off
- Volume Set
- VOX On / Off
- Zone Toggle (Display Model)





**Digital Models**

Model #	Band Split	Band	Power	Conv Chan	Display	Keypad	MSRP
AAH88JCC9JA2AN	136-174 MHz	VHF	3W (D) 2W (A)	2	No	No	\$419.00
AAH88JCP9JA2AN	136-174 MHz	VHF	3W (D) 2W (A)	99	Yes	No	\$466.00
AAH88QCC9JA2AN	403-470 MHz	UHF	3W (D) 2W (A)	2	No	No	\$450.00
AAH88QCP9JA2AN	403-470 MHz	UHF	3W (D) 2W (A)	99	Yes	No	\$509.00

FCC INFORMATION VHF: AZ489FT3835, UHF: AZ489FT4922

## SL300™ Portable

Options: TO COMPLETE AN ORDER YOU MUST SELECT ONE (1) CHOICE FOR EACH OPTION

### Battery Options

Options	Description	MSRP
STDBAT0546	Standard Battery - Li-Ion, 2200 mAh (PMNN4468)	\$0.00

### Antenna Options

Options	Description	MSRP
QA04760	VHF Stubby Antenna, 136-144MHz 5cm (PMAD4144)	\$0.00
QA04761	VHF Stubby Antenna, 144-156MHz 5cm (PMAD4145)	\$0.00
QA04762	VHF Stubby Antenna, 156-174MHz 5cm (PMAD4146)	\$0.00
QA04763	UHF Stubby Antenna, 403-425MHz 4.5cm (PMAE4093)	\$0.00
QA04764	UHF Stubby Antenna, 420-445MHz 4.5cm (PMAE4094)	\$0.00
QA04765	UHF Stubby Antenna, 435-470MHz 4.5cm (PMAE4095)	\$0.00
H112	Omit Antenna	-\$3.50

### Carry Options

Options	Description	MSRP
STDBLT0546	Standard Swivel Carry Holster (PMLN7190)	\$0.00
QA04882	ALT: Flexible Hand Strap (PMLN7076)	\$8.83
QA04883	ALT: Nylon Wrist Strap (PMLN6074)	\$5.89
H301	Omit Swivel Carry Holster	-\$3.50

### Charger Options

Options	Description	MSRP
STDCHG0546	Standard Charger - Micro-USB Wall Charger (25009298001)	\$0.00
QA04770	ALT: Drop-In Single Unit Charger (PMLN7109)	\$29.43
H951	Omit Standard Charger	-\$5.00

### Shipping Options

Options	Description	MSRP
STDBOX0546	Standard Model Box	\$0.00
H415	Bulk Packaging	\$0.00

### Warranty Options

Options	Description	MSRP
STDESS0546	3 Year Essential Repair	\$0.00
QA00510	Omit 1 Year Essential Repair (Omitting this option provides 2 years of warranty)	-\$18.33
H886	Add: 5 Year Essential Repair	\$65.00

### General Options

Options	Description	MSRP
QA04755	Swivel Earpiece with Mic/PTT (PMLN7189)	\$23.54
QA04757	Earbud with Mic/PTT, Mag One (PMLN7156)	\$21.40

### Essential Repair

MOTOTRBO portable and mobile radios ship with a standard 2-year parts and labor warranty. Additionally, they ship standard with a 1-Year Essential Repair option. If you desire additional years of Essential Repair, you may choose the 5-Year Essential Repair option instead. Essential Repair coverage starts on the day of shipment and continues for the term selected at the time of the device purchase. In addition to extending the device hardware repair coverage period, Essential Services also offers priority repair, with the same terms as the corresponding Service from the Start level; priority repair includes fast depot turnaround times and pre-paid, two-day air inbound shipping with use of Motorola Online (MOL) to initiate the repair. Terms are set at the length of either three years or five years of coverage with purchase of the device. Repairs will be made only at the designated Motorola repair depot. Local services are not included. No discounts are allowed on these options.

### FCC/IC Information:

(136-174 MHz) AZ489FT3835 / 109U-89FT3835  
 (403-470 MHz) AZ489FT4922 / 109U-89FT4922

### Environmental Specifications:

Operating Temperature: -30° to +60° C (Radio Only)  
 Sealing: IP54

## EVX-S24™ Portable

*\*Prices Have Been Updated According to the 5/9/2022 Price Increase\**

**Standard Package Includes:**

- Standard Battery (Li-ion, 2300 mAh - BT100)
- Standard Antenna (ATU-20DS)
- Standard Micro USB AC Charger (PA-57B)
- Clip 27 Belt Clip
- Standard 3 Year Warranty

**Product Features:**

- 256 Channels
- 4 Programmable Buttons
- 500mW Internal Speaker
- Emergency Alert
- Lone Worker Alert
- Multi-Mode Scanning
- Internal VOX
- ARTS™ (Auto-Range Transpond System)

**Signaling Features:**

- CTCSS/DCS Encode / Decode
- 2-Tone / 5-Tone
- Stun/Kill/Revive (5-Tone & DTMF Pager)
- MDC1200 Features
- Fleetsync® ANI

**Analog Features:**

- BTLO
- Voice Inversion Encryption

**Digital Features:**

- All Call/Group Call /Individual Call
- Transmit Interrupt (Decode Only)
- Dual Capacity Direct Mode
- Basic & Enhanced Privacy
- Site Search
- Text Messaging



**Models**

Model #	Band Split	Band	Power	Conv Chan	Display	Keypad	MSRP
AC146U502-MOT-NA (Black)	403-470 MHz	UHF	3W	256	Yes	Limited	\$365.00
AC146U512-MOT-NA (Yellow)	403-470 MHz	UHF	3W	256	Yes	Limited	\$365.00

## EVX-S24™ Portable

**Options: TO COMPLETE AN ORDER YOU MUST SELECT ONE (1) CHOICE FOR EACH OPTION**

**Battery Options - Both Batteries Use VAC-UNI Charger**

Options	Description	MSRP
STDBAT0007	Standard Battery - 2300 mAh Li-ion BT100 (PMNN4468)	\$0.00

**Antenna Options**

Options	Description	MSRP
STDANT0007	Standard Antenna, ATU-20DS, 440-470 MHz, Stubby (AAM23X502)	\$0.00
QA07068	UHF Antenna, ATU-20AS 400-430 MHz, Stubby (AAM23X501)	\$0.00
QA07069	UHF Antenna, ATU-20CS 420-450 MHz, Stubby (AAM23X504)	\$0.00
QA07070	UHF Antenna, ATU-20FS 450-480 MHz, Stubby (AAM23X503)	\$0.00
QA07072	UHF Antenna, ATU-21AS 400-420 MHz, Super Stubby (AAM28X501)	\$0.00
QA07073	UHF Antenna, ATU-21CS 420-440 MHz, Super Stubby (AAM28X502)	\$0.00
QA07074	UHF Antenna, ATU-21DS 440-460 MHz, Super Stubby (AAM28X503)	\$0.00
QA07075	UHF Antenna, ATU-21FS 460-480 MHz, Super Stubby (AAM28X504)	\$0.00
QA07071	Omit Antenna	-\$9.27

**Charger Options**

Options	Description	MSRP
STDCHG0007	Standard Charger, Micro USB AC Charger Only, 120V (PS000042A11)	\$0.00
QA07079AA	Micro USB AC Charger Only, 220V (PS000042A12)	\$0.00
QA07077	Micro USB AC Charger w/cradle, 120V (PS000042A11, AAM19X501)	\$12.73
QA07078	Micro USB AC Charger w/cradle, 220V (PS000042A12, AAM19X501)	\$12.73
QA07080	Omit Standard Charger	-\$21.00

**Warranty Option**

Options	Description	MSRP
STDWAR0819AA	Standard 3 Year Warranty	\$0.00

**THE FOLLOWING ARE OPTIONAL SELECTIONS:****Shipping Options**

Options	Description	MSRP
QA07083	Bulk Packaging	\$0.00

**Microphone Options**

Options	Description	MSRP
QA07081	MH-90A4B Compact Speaker Microphone (AAM24X501)	\$47.22
QA07082	MH-66F4B IP57 Submersible Speaker Microphone (AAE46X509)	\$135.77

**Warranty**

The EVX-S24 ships standard with a 3-year warranty

**FCC/IC Information:**

(403-470 MHz) AXI11464620 / 109U-89FT4935

**Environmental Specifications:**

Operating Temperature: -30° to +60° C (Radio Only)

Sealing: IP67

**US VERSION****VX-2100™ Mobile**

Product being cancelled. Intent to Cancel Notification issued and inventory available while supplies last.

**Standard Package Includes:**

- Standard Microphone (MH-67A8J)
- Standard 3 Year Warranty

**Product Features:**

- 8 Channels
- 50W or 25W Power Output
- 6 Programmable Buttons
- CTCSS/DCS Encode / Decode
- DTMF ANI
- 2-Tone Encode/Decode
- Built-In 5 Tone Signaling
- Multi-Mode Scanning
- Emergency
- ARTS TM (Auto-Range Transpond System)
- D SUB 15 Pin Accessory Connector

**Models**

Model #	Band Split	Band	Power	Conv Chan	Display	MSRP
<del>AC061N533-MOT-NA *</del>	<del>136-174 MHz</del>	<del>VHF</del>	<del>25W</del>	<del>8</del>	<del>N/A</del>	<del>\$350.10</del>
<del>AC061N531-MOT-NA *</del>	<del>136-174 MHz</del>	<del>VHF</del>	<del>50W</del>	<del>8</del>	<del>N/A</del>	<del>\$366.01</del>
<del>AC061U537-MOT-NA *</del>	<del>403-470 MHz</del>	<del>UHF</del>	<del>25W</del>	<del>8</del>	<del>N/A</del>	<del>\$371.32</del>
<del>AC061U535-MOT-NA *</del>	<del>403-470 MHz</del>	<del>UHF</del>	<del>45W</del>	<del>8</del>	<del>N/A</del>	<del>\$403.14</del>
AC061U533-MOT-NA	450-512 MHz	UHF	25W	8	N/A	\$371.32
AC061U531-MOT-NA	450-512 MHz	UHF	45W	8	N/A	\$403.14

Product being cancelled. Intent to Cancel Notification issued and inventory available while supplies last.

\* Model no longer available

**VX-2100™ Mobile****Options: TO COMPLETE AN ORDER YOU MUST SELECT ONE (1) CHOICE FOR EACH OPTION****Microphone Options**

Options	Description	MSRP
STDMIC0649	Standard Microphone MH-67A8J (AAE60X502)	\$0.00
QA07200AA	DTMF Microphone MH-75A8J (AAG22X501)	\$15.91
QA07201	Omit Microphone	-\$42.44

**Warranty Option**

Options	Description	MSRP
QA07464	Standard 3 Year Warranty	\$0.00

**Warranty**

The VX-2100 ships standard with a 3-year warranty

**FCC/IC Information:**

(136-174 MHz 25W) K6610613040 / 109U-92FT3840  
 (136-174 MHz 50W) K6610613040 / 109U-92FT3841  
 (403-470 MHz 25W) K6610614640 / 109U-92FT4946  
 (403-470 MHz 45W) K6610614640 / 109U-92FT4936  
 (450-512 MHz 25W) K6610614730 / 109U-92FT4937  
 (450-512 MHz 45W) K6610614730 / 109U-92FT4937

**Environmental Specifications:**

Operating Temperature: -30° to +60° C (Radio Only)

**US VERSION**

## VX-2200™ Mobile

Product being cancelled. Intent to Cancel Notification issued and inventory available while supplies last.

### Standard Package Includes:

- Standard Microphone (MH-67A8J)
- Standard 3 Year Warranty

### Product Features:

- 128 Channels
- 50W or 25W Power Output
- 6 Programmable Buttons
- CTCSS/DCS Encode / Decode
- DTMF ANI
- 2-Tone Encode/Decode
- Built-In 5 Tone Signaling
- Multi-Mode Scanning
- Emergency
- ARTS™ (Auto-Range Transpond System)
- D SUB 15 Pin Accessory Connector
- MDC1200/GE-Star ANI Encode (Option Board)



### Models

Model #	Band Split	Band	Power	Conv Chan	Display	MSRP
<del>AC061N534-MOT-NA *</del>	<del>136-174 MHz</del>	<del>VHF</del>	<del>25W</del>	<del>128</del>	<del>N/A</del>	<del>\$392.53</del>
<del>AC061N532-MOT-NA *</del>	<del>136-174 MHz</del>	<del>VHF</del>	<del>50W</del>	<del>128</del>	<del>N/A</del>	<del>\$419.06</del>
AC061U538-MOT-NA	403-470 MHz	UHF	25W	128	N/A	\$413.75
AC061U536-MOT-NA	403-470 MHz	UHF	45W	128	N/A	\$445.58
AC061U534-MOT-NA	450-512 MHz	UHF	25W	128	N/A	\$413.75
AC061U532-MOT-NA	450-512 MHz	UHF	45W	128	N/A	\$445.58

Product being cancelled. Intent to Cancel Notification issued and inventory available while supplies last.

\* Model no longer available

## VX-2200™ Mobile

**Options: TO COMPLETE AN ORDER YOU MUST SELECT ONE (1) CHOICE FOR EACH OPTION**

### Microphone Options

Options	Description	MSRP
STDMIC0649	Standard Microphone MH-67A8J (AAE60X502)	\$0.00
QA07200AA	DTMF Microphone MH-75A8J (AAG22X501)	\$15.91
QA07201	Omit Microphone	-\$42.44

### Warranty Option

Options	Description	MSRP
QA07464	Standard 3 Year Warranty	\$0.00

### Warranty

The VX-2200 ships standard with a 3-year warranty

### FCC/IC Information:

(136-174 MHz 25W) K6610613040 / 109U-92FT3840  
(136-174 MHz 50W) K6610613040 / 109U-92FT3841  
(403-470 MHz 25W) K6610614640 / 109U-92FT4946  
(403-470 MHz 45W) K6610614640 / 109U-92FT4936  
(450-512 MHz 25W) K6610614730 / 109U-92FT4937  
(450-512 MHz 25W) K6610614740 / 109U-92FT4938

### Environmental Specifications:

Operating Temperature: -30° to +60° C (Radio Only)

## CM200d™ Mobile

\*Prices Have Been Updated According to the 5/9/2022 Price Increase\*

### Standard Package Includes:

- Standard Microphone (PMMN4090)
- Standard Low Profile Mounting Bracket (RLN6469)
- Standard Power Cable (HKN4137)
- 2 Year Warranty + 1 Year Essential Repair

### Product Features:

- 6.25e / 12.5 kHz Channel Spacing
- 16 Channels
- 2 Programmable Buttons
- LED Indicators
- Radio Management (Optional)



### Analog Features:

- Auto/Priority/Dual Priority Scan
- Quik Call II™ Call Alert/Selective Call (Decode)
- MDC1200 PTT ID (Numeric ID - Encode)
- Audio Indicator Tones
- Time-Out Timer
- VOX
- Busy Channel Lockout

### Frequencies Not Allowed:

- 153.600 MHz +/- 10 kHz
- 172.800 MHz +/- 10 kHz
- 422.400 MHz +/- 10 kHz

### Digital Features:

- Digital Conventional
- Optional for Analog models
- Standard for Digital models
- Basic Privacy
- Radio Check (Decode)
- Remote Monitor (Decode)
- Radio Inhibit (Decode)
- Dual Priority Scan
- Transmit Interrupt (Decode)
- Dual Capacity Direct Mode

### Programmable Features:

- Escalart
- Local/Distance Mode
- Repeater / Talkaround
- Silent Monitor
- Volume Set
- Voice Announcement
- High / Low Power
- Nuisance Channel Delete
- Scan On / Off
- Tight / Normal Squelch
- VOX On / Off

### Analog Models

Model #	Band Split	Band	Power	Conv Chan	Display	MSRP
AAM01JNC9JC1AN	136-174 MHz	VHF	25W	16	N/A	\$590.00
AAM01JQC9JC1AN	136-174 MHz	VHF	45W	16	N/A	\$659.00
AAM01QNC9JC1AN	403-470 MHz	UHF	25W	16	N/A	\$649.00
AAM01QPC9JC1AN	403-470 MHz	UHF	40W	16	N/A	\$718.00

### Digital Models

Model #	Band Split	Band	Power	Conv Chan	Display	MSRP
AAM01JNC9JA1AN	136-174 MHz	VHF	25W	16	N/A	\$689.00
AAM01JQC9JA1AN	136-174 MHz	VHF	45W	16	N/A	\$757.00
AAM01QNC9JA1AN	403-470 MHz	UHF	25W	16	N/A	\$747.00
AAM01QPC9JA1AN	403-470 MHz	UHF	40W	16	N/A	\$816.00

## CM200d™ Mobile

**Options: TO COMPLETE AN ORDER YOU MUST SELECT ONE (1) CHOICE FOR EACH OPTION**

### Microphone Options

Options	Description	MSRP
STDMIC0751	Standard Compact Microphone (PMMN4090)	\$0.00
QA03848	Enhanced Keypad Microphone (PMMN4089)	\$70.62
QA03850	Heavy Duty Microphone (PMMN4091)	\$43.16
B71	Omit Microphone	-\$10.00

### Bracket Options

Options	Description	MSRP
STDDBKT0751	Standard Mounting Bracket (RLN6469)	\$0.00
B65	Omit Standard Mounting Bracket	-\$4.00

### Cable Options

Options	Description	MSRP
STDCBL0751	Standard Power Cable (HKN4137)	\$0.00
B161	Omit Standard Power Cable	-\$8.00

### Shipping Options

Options	Description	MSRP
STDBOX0751	Standard Model Box	\$0.00
B842	Bulk Packaging (minimum 2 radios per box)	\$0.00

### Warranty Options

Options	Description	MSRP
STDESS0751	3 Year Essential Repair	\$0.00
GA00164	Omit 1 Year Essential Repair (Omitting this option provides 2 years of warranty)	-\$18.33
G24	Add: 5 Year Essential Repair	\$65.00

### General Options

Options	Description	MSRP
HKVN4223	CM200d Analog to Digital Upgrade	\$83.00

### Essential Repair

MOTOTRBO portable and mobile radios ship with a standard 2-year parts and labor warranty. Additionally, they ship standard with a 1-Year Essential Repair option. If you desire additional years of Essential Repair, you may choose the 5-Year Essential Repair option instead. Essential Repair coverage starts on the day of shipment and continues for the term selected at the time of the device purchase. In addition to extending the device hardware repair coverage period, Essential Services also offers priority repair, with the same terms as the corresponding Service from the Start level; priority repair includes fast depot turnaround times and pre-paid, two-day air inbound shipping with use of Motorola Online (MOL) to initiate the repair. Terms are set at the length of either three years or five years of coverage with purchase of the device. Repairs will be made only at the designated Motorola repair depot. Local services are not included. No discounts are allowed on these options.

### FCC/IC Information:

VHF (1-25W): ABZ99FT3090 / 109AB-99FT3090  
 VHF (25-45W): ABZ99FT3091 / 109AB-99FT3091  
 UHF (1-25W): ABZ99FT4092 / 109AB-99FT4092  
 UHF (25-40W) ABZ99FT4093 / 109AB-99FT4093

### Environmental Specifications

Operating Temperature: -30° to +60° C  
 Sealing: IP54\*

\* With microphone sealing boot and rear accessory connector cover properly installed



**US VERSION****CM300d™ Mobile***\*Prices Have Been Updated According to the 5/9/2022 Price Increase\****Standard Package Includes:**

- Standard Microphone (PMMN4090)
- Standard Low Profile Mounting Bracket (RLN6469)
- Standard Power Cable (HKN4137)
- 2 Year Warranty + 1 Year Essential Repair

**Product Features:**

- 6.25e / 12.5 kHz Channel Spacing
- Alpha-Numeric Display
- White-lit Backlight
- 99 Channels
- 4 Programmable Buttons
- LED Indicators
- Radio Management (Optional)

**Analog Features:**

- Auto/Priority/Dual Priority Scan
- Quik Call II™ Call Alert/Selective Call (Decode)
- MDC1200 PTT ID (Numeric ID - Encode)
- Audio Indicator Tones
- Time-Out Timer
- VOX
- Busy Channel Lockout

**Frequencies Not Allowed:**

- 153.600 MHz +/- 10 kHz
- 172.800 MHz +/- 10 kHz
- 422.400 MHz

**Digital Features:**

- Digital Conventional
- Optional for Analog models
- Standard for Digital models
- Basic Privacy
- Radio Check (Decode)
- Remote Monitor (Decode)
- Radio Inhibit (Decode)
- Dual Priority Scan
- Transmit Interrupt (Decode)
- Dual Capacity Direct Mode

**Programmable Features:**

- Escalart
- Local/Distance Mode
- Repeater / Talkaround
- Silent Monitor
- Volume Set
- Voice Announcement
- High / Low Power
- Nuisance Channel Delete
- Scan On / Off
- Tight / Normal Squelch
- VOX On / Off

**Analog Models**

Model #	Band Split	Band	Power	Conv Chan	Display	MSRP
AAM01JNH9JC1AN	136-174 MHz	VHF	25W	99	Yes	\$659.00
AAM01JQH9JC1AN	136-174 MHz	VHF	45W	99	Yes	\$728.00
AAM01QNH9JC1AN	403-470 MHz	UHF	25W	99	Yes	\$718.00
AAM01QPH9JC1AN	403-470 MHz	UHF	40W	99	Yes	\$787.00

**Digital Models**

Model #	Band Split	Band	Power	Conv Chan	Display	MSRP
AAM01JNH9JA1AN	136-174 MHz	VHF	25W	99	Yes	\$757.00
AAM01JQH9JA1AN	136-174 MHz	VHF	45W	99	Yes	\$826.00
AAM01QNH9JA1AN	403-470 MHz	UHF	25W	99	Yes	\$816.00
AAM01QPH9JA1AN	403-470 MHz	UHF	40W	99	Yes	\$885.00

## CM300d™ Mobile

**Options: TO COMPLETE AN ORDER YOU MUST SELECT ONE (1) CHOICE FOR EACH OPTION**

### Microphone Options

Options	Description	MSRP
STDMIC0866	Standard Compact Microphone (PMMN4090)	\$0.00
QA03848	Enhanced Keypad Microphone (PMMN4089)	\$70.62
QA03850	Heavy Duty Microphone (PMMN4091)	\$43.16
B71	Omit Microphone	-\$10.00

### Bracket Options

Options	Description	MSRP
STDBKT0866	Standard Mounting Bracket (RLN6469)	\$0.00
B65	Omit Standard Mounting Bracket	-\$4.00

### Cable Options

Options	Description	MSRP
STDCBL0866	Standard Power Cable (HKN4137)	\$0.00
B161	Omit Standard Power Cable	-\$8.00

### Shipping Options

Options	Description	MSRP
STDBOX0866	Standard Model Box	\$0.00
B842	Bulk Packaging (minimum 2 radios per box)	\$0.00

### Warranty Options

Options	Description	MSRP
STDESS0866	3 Year Essential Repair	\$0.00
GA00164	Omit 1 Year Essential Repair (Omitting this option provides 2 years of warranty)	-\$18.33
G24	Add: 5 Year Essential Repair	\$65.00

### General Options

Options	Description	MSRP
HKVN4223	CM200d Analog to Digital Upgrade	\$83.00

### Essential Repair

MOTOTRBO portable and mobile radios ship with a standard 2-year parts and labor warranty. Additionally, they ship standard with a 1-Year Essential Repair option. If you desire additional years of Essential Repair, you may choose the 5-Year Essential Repair option instead. Essential Repair coverage starts on the day of shipment and continues for the term selected at the time of the device purchase. In addition to extending the device hardware repair coverage period, Essential Services also offers priority repair, with the same terms as the corresponding Service from the Start level; priority repair includes fast depot turnaround times and pre-paid, two-day air inbound shipping with use of Motorola Online (MOL) to initiate the repair. Terms are set at the length of either three years or five years of coverage with purchase of the device. Repairs will be made only at the designated Motorola repair depot. Local services are not included. No discounts are allowed on these options.

### FCC/IC Information:

VHF (1-25W): AZ492FT3805 / 109U-92FT3805  
 VHF (25-45W): ABZ99FT3046 / 109AB-99FT3046

### Environmental Specifications

Operating Temperature: -30° to +60° C  
 Sealing: IP54

UHF (25-40W): ABZ99FT4048 / 109AB-99FT4048

**US VERSION**

L: Legacy models - Applicable to XPR 4000/6000, XPR 3000/5000/7000 and SL 7000 series  
 E: Enhanced models - Applicable to XPR 3000e/5000e/7000e, SL 7000e series and SL 3500e  
 L-E: Applicable to both Legacy and Enhanced radios

0/3300eXPR 3550 /LXPR 3000 Series	SL 3500e	XPR 6100	50/6380XPR 6550	6380XPR 6	0/7350eXPR 7550	Q/7380eXPR 7580	7550SL 755/7580eSL 7590	/LXPR 7000 Series	4010TRB/Oion	SLN 1000	MOTOTRBO RT	MODEL NUMBER	DESCRIPTION	MSRP
											Y	AN000348AD1	UHF Short Whip Antenna (400-527 MHz)	\$10.80
											Y	AN000350AD1	UHF Stubby Antenna (400-450 MHz)	\$10.80
											Y	AN000351AD1	UHF Stubby Antenna (440-490 MHz)	\$10.80
										Y	Y	HKAN4004	Stubby LTE	\$25.70
			L	L	L							NAFS087	Whip Antenna 800 MHz 1/2 Wave - Intrinsically Safe (FM)	\$38.61
			L	L	L							NAFS088	Whip Antenna 900 MHz 1/2 Wave - Intrinsically Safe (FM)	\$38.61
			L	L	L							PMAD4067	Combination VHF Whip Antenna with GPS, 136-147 MHz - Intrinsically Safe (FM)	\$12.42
			L	L	L							PMAD4068	Combination VHF Whip Antenna with GPS, 147-160 MHz - Intrinsically Safe (FM)	\$12.42
			L	L	L							PMAD4069	Combination VHF Whip Antenna with GPS, 160-174 MHz - Intrinsically Safe (FM)	\$12.42
			L	L	L							PMAD4086	VHF Antenna for Public Safety Microphone, 150-174 MHz - Intrinsically Safe (FM)	\$11.61
			L	L	L							PMAD4087	VHF Antenna for Public Safety Microphone, 136-153 MHz - Intrinsically Safe (FM)	\$11.61
			L	L	L							PMAD4088	VHF Flexible Whip Antenna 21cm (136-174MHz) - Intrinsically Safe (FM)	\$23.22
			L	L	L							PMAD4093	VHF Stubby Antenna 11cm (136-147MHz) - Intrinsically Safe (FM)	\$11.88
			L	L	L							PMAD4094	VHF Stubby Antenna 11cm (147-160MHz) - Intrinsically Safe (FM)	\$11.88
			L	L	L							PMAD4095	VHF Stubby Antenna 11cm (160-174MHz) - Intrinsically Safe (FM)	\$11.88
L-E	Y				L-E	E		Y			Y	PMAD4116	VHF Helical Antenna (144-165 MHz) - FM / UL Approved	\$10.01
L-E	Y				L-E	E		Y			Y	PMAD4117	VHF Helical Antenna (136-155 MHz) - FM / UL Approved	\$10.01
L-E	Y				L-E	E		Y			Y	PMAD4118	VHF Helical Antenna (152-174 MHz) - FM / UL Approved	\$10.01
L-E	Y				L-E	E		Y			Y	PMAD4119	VHF Stubby Antenna (136-148 MHz) - FM / UL Approved	\$11.12
L-E	Y				L-E	E		Y			Y	PMAD4120	VHF Stubby Antenna (146-160 MHz) - FM / UL Approved	\$11.12
E	Y				L-E	E		Y			Y	PMAD4121	VHF Stubby Antenna (160-174MHz) - FM / UL Approved	\$11.12
		E										PMAD4144	VHF Stubby Antenna (136-144MHz) 5cm	\$10.26
		E										PMAD4145	VHF Stubby Antenna (144-156MHz) 5cm	\$10.26
		E										PMAD4146	VHF Stubby Antenna (156-174MHz) 5cm	\$10.26
			L	L								PMAE4018	Combination UHF Whip Antenna with GPS, 403-433 MHz - Intrinsically Safe (FM)	\$11.34
			L	L								PMAE4021	Combination UHF Stubby Antenna with GPS, 403-433 MHz - Intrinsically Safe (FM)	\$11.61
			L	L								PMAE4022	UHF Flexible Whip Antenna 16cm (403-470MHz) - Intrinsically Safe (FM)	\$11.07
			L	L								PMAE4023	Combination UHF Stubby Antenna with GPS, 430-470 MHz - Intrinsically Safe (FM)	\$11.61
			L	L								PMAE4024	Combination UHF Whip Antenna with GPS, 430-470 MHz - Intrinsically Safe (FM)	\$11.34
			L	L								PMAE4046	UHF Stubby Antenna for Public Safety Microphone, 403-433 MHz - Intrinsically Safe (FM)	\$11.61
			L	L								PMAE4047	UHF Stubby Antenna for Public Safety Microphone, 430-470 MHz - Intrinsically Safe (FM)	\$11.61
			L	L								PMAE4048	UHF2 + GPS Stubby Antenna, 450-527 MHz (can be used with Public Safety Microphone) - IS / FM	\$11.34
			L	L								PMAE4049	UHF Flexible Whip Antenna 16cm (450-527MHz) - Intrinsically Safe (FM)	\$11.34
			L	L								PMAE4050	Combination GPS/ UHF 450-495 MHz Folded Monopole Antenna - Intrinsically Safe (FM)	\$11.61
			L	L								PMAE4051	Combination GPS/ UHF 495-527 MHz Folded Monopole Antenna - Intrinsically Safe (FM)	\$11.61
L-E	Y				L-E	E		Y	Y		Y	PMAE4069	UHF Stubby Antenna (403-450 MHz) - FM / UL Approved	\$10.57
L-E	Y				L-E	E		Y	Y		Y	PMAE4070	UHF Stubby Antenna (440-490 MHz) - FM / UL Approved	\$10.57
L-E	Y				L-E	E		Y	Y		Y	PMAE4071	UHF Stubby Antenna (470-512 MHz) - FM / UL Approved	\$10.57
L-E	Y				L-E	E		Y	Y		Y	PMAE4079	UHF Slim Whip Antenna (403-512 MHz) - FM / UL Approved	\$10.57
							L-E					PMAE4076	Antenna Kit, Stubby (420-445MHz)	\$16.20
							L-E					PMAE4077	Antenna Kit, Stubby (438-470MHz)	\$16.20
							L-E					PMAE4078	Antenna Kit, Stubby (403-425MHz)	\$16.20
							L-E					PMAE4091	UHF Stubby Antenna Kit for the 450-490 MHz range	\$16.20
							L-E					PMAE4092	UHF Stubby Antenna Kit for the 480-527 MHz range	\$16.20
												PMAE4093	UHF Stubby Antenna (403-425MHz) 4.5cm	\$10.26
												PMAE4094	UHF Stubby Antenna (420-445MHz) 4.5cm	\$11.06
												PMAE4095	UHF Stubby Antenna (435-470MHz) 4.5cm	\$10.26
												PMAF4017	Antenna Kit for the 800 MHz range	\$16.20
												PMAF4018	Antenna Kit for the 900 MHz range	\$16.20
				L								PMAF4003	800/900 MHz & GPS Helical Antenna (806-941 MHz) - Intrinsically Safe (FM)	\$23.76
						L-E		Y				PMAF4009	800 MHz Short Whip Antenna 12cm (806-870MHz) - FM / UL Approved	\$15.57
						L-E		Y				PMAF4010	900 MHz Short Whip Antenna 11cm (896-941MHz) - FM / UL Approved	\$15.57
						L-E		Y				PMAF4011	800 MHz Flexible Whip Antenna 16cm (806-870MHz) - FM / UL Approved	\$11.12
						L-E		Y				PMAF4012	900 MHz Flexible Whip Antenna 14cm (896-941MHz) * - FM / UL Approved	\$11.12
													* Note: Optimized for 900 MHz but can also be used for mixed 800 & 900 MHz CH/sites	
L-E	E				L-E	L-E		Y				32012144001	Gray Antenna ID Band (pack of 10)	\$7.02
L-E	E				L-E	L-E		Y			Y	32012144002	Yellow Antenna ID Band (pack of 10)	\$7.02
L-E	E				L-E	L-E		Y			Y	32012144003	Green Antenna ID Band (pack of 10)	\$7.02
L-E	E				L-E	L-E		Y			Y	32012144004	Blue Antenna ID Band (pack of 10)	\$7.02
L-E	E				L-E	L-E		Y			Y	32012144005	Purple Antenna ID Band (pack of 10)	\$7.02

# US VERSION

L: Legacy models - Applicable to XPR 4000/6000, XPR 3000/5000/7000 and SL 7000 series  
 E: Enhanced models - Applicable to XPR 3000e/5000e/7000e, SL 7000e series and SL 3500e  
 L-E: Applicable to both Legacy and Enhanced radios

## RESSELLER PRICES

RESSELLER PRICES										BATTERIES		MSRP			
0/7300eXPR 3550	4-4950XPR 3000e	SL 3500e	XPR 6100	0/6380XPR 6550	6380XPR 6	0/7350eXPR 7550	0/7380eXPR 7580	5500L 7551/7580eSL 7590	4-4950XPR 7000/7000e	1A070TRB01on	SLN 1000	MOTOTRBO	MODEL NUMBER	DESCRIPTION	MSRP
								L-E	L-E			Y	HKLN4678A	Battery Door for PMLN7932A	\$35.00
								L-E	L-E				HKNN4013_SP01***	BT90 1800 mAh Li-Ion Hi-Cap Battery	\$42.40
		E											PMLN6000	Battery Door Cover for BT70 Battery	\$15.05
				L	L								PMLN7074	Battery Door Cover for BT100 Battery	\$17.38
				L	L	L							PMNN4065	NiMH, 1450 mAh, 7.2V Submersible (IP57) Battery	\$78.75
				L	L	L	L						NNTN8560	IMPRES Li-ion, 2500 mAh, Submersible (IP67) Battery - TIA4950 / UL Approved	\$192.50
				L	L	L	L						PMNN4066	IMPRES Li-ion, 1700 mAh, 7.2V Submersible (IP57) Battery	\$92.40
L-E				L	L	L	L	L-E	L-E				PMNN4077	IMPRES Li-ion, 2240 mAh, 7.2V Submersible (IP57) Battery	\$117.60
		E						L-E	L-E				PMNN4544	BATT IMPRES LIION IP68 2450T	\$113.30
L-E								L-E	L-E				PMNN4448	IMPRES Hi-Cap Li-ion 2800mAh Submersible (IP67) Battery	\$153.30
													PMNN4468*	B100x 2300T Li-Ion Battery.	\$42.00
													PMNN4488**	IMPRES Low Volt Hi-Cap 3000 mAh	\$161.70
													PMNN4489	TIA IMPRES Low Volt 2900 mAh - TIA4950 / UL Approved	\$198.00
													PMNN4490	TIA IMPRES Low Volt 2900 mAh - TIA4950 / UL Approved	\$198.00
E	Y												PMNN4491	IMPRES Slim Li-Ion, 2100 mAh battery	\$115.50
L-E													PMNN4493	IMPRES Low Volt Hi-Cap 3000 mAh (IP68)	\$141.75
L-E													PMNN4578	BATT LIION 2500T	\$69.30
												Y	PMNN4803	IMPRES*2 Li-Ion Battery 2820 mAh, IP68, -20C	\$154.88
												Y	PMNN4804	IMPRES*2 Li-Ion Battery 2900 mAh, IP68, HAZLOC, -20C	\$202.40
												Y	PMNN4805	BATT IMPRES 2 LIION TIA4950 IP68 4400T	\$226.60
												Y	PMNN4807	BATTERY PACK,BATT IMPRES LIION IP68 2200T	\$128.00
												Y	PMNN4809	BATTERY PACK,BATTERY PACK,BATT IMPRES LIION IP68 2850T	\$155.00
												Y	PMNN4810	BATTERY PACK,BATT IMPRES LIION TIA4950 IP68 3200T	\$199.00
								L-E	L-E				PMLN6745	Battery Cover for BT100 Battery	\$14.70

IMPRES™: The IMPRES smart energy system ensures maximum talk-time and optimized battery cycle life through the use of its advanced charging technology and automatic reconditioning features, when used with IMPRES batteries.

\* If ordering as a field replacement, must order PMLN6745 Battery Cover

\*\* For use with Silent Alert Belt Clip (PMLN7296); battery only

\*\*\* HKNN4013ASP01 is not compatible with any of the SL family of radio products; it is a battery for the DLR / CLPe radio family.

# US VERSION

L: Legacy models - Applicable to XPR 4000/6000, XPR 3000/5000/7000 and SL 7000 series  
 E: Enhanced models - Applicable to XPR 3000e/5000e/7000e, SL 7000e series and SL 3500e  
 L-E: Applicable to both Legacy and Enhanced radios

## RESELLER PRICES

## CHARGERS & ACCESSORIES

00/3300eXPR 3550, SL 3500e	XPR 6100	50/6380XPR 6550	40/7350eXPR 7550, 10/7380eXPR 7580	550SL 7550/7580eSL 7590	MOTOTRBO	SLN 1000	MOTOTRBO	MODEL NUMBER	DESCRIPTION	MSRP
	E				L-E		Y	25009297001	SUC Power Supply Adapter, US Plug	\$25.92
					L-E			25009298001	Micro-USB Charger, Switch Mode, Low Noise, 5W, US/NA	\$21.00
								3004209T03	Multi Unit Charger Power Cord	\$7.56
L-E		L	L	L-E			Y	3087791G01	MUC Power Cord Only, US	\$23.76
L-E		L	L	L-E			Y	NLN7967	Wall Mount Kit for Multi-Unit Charger	\$22.68
L-E		L	L	L-E				NNTN7616	IMPRES Vehicular Charger	\$451.44
L-E		L	L	L-E				PMPN4174	Single unit Charger, 120V, NA/LA, CEC compliant	\$82.08
		L	L	L-E			Y	NNTN8525	MOTOTRBO Travel Charger	\$102.60
					L-E			PMLN6687	Standard Multi-Unit Charger	\$235.00
					L-E			PMLN6701	Standard Tri-Unit Charger	\$76.68
	E						Y	PMLN7101	Standard Multi-Unit Charger, US/NA	\$243.00
	E						Y	PMLN7109	Standard Single-Unit Charger, US/NA	\$48.60
L-E		L	L	L-E	L-E			PMPN4009	Standard Micro-USB Single-Unit Rapid	\$26.00
							Y	PMPN4284	IMPRES 6 pocket, 1 display charger (suggested replacement for WPLN4212 and WPLN4219)	\$707.40
							Y	PMPN4498	IMPRES™2 Multi-Unit Charger, 120VAC	\$707.40
L-E		L	L	L-E	L-E		Y	PMPN4524	Single IMPRES Desktop Charger w/ US Power Supply	\$70.20
							Y	PMPN4576	CHARGER,CHGR DESKTOP SINGLE UNIT IMPRES EXT PS US/NA/TW	\$82.08
							Y	PS000150A11	Level 6 Micro USB Wall Charger	\$27.00
							Y	PS000242A01	POWER SUPPLY ADAPTOR, POWER SUPPLY BRICK 100-240VAC UNIVERSAL 15V/6A L6 C6P	\$75.60
L-E		L	L	L-E	L-E		Y	AS000180A01	ADAPTER, MUC CHARGING POCKET	\$162.00
							Y	BR000272A01	BRACKET,WALL MOUNT for PMPN4284	\$47.52
							Y	WPLN4243	US IMPRES SUC W/O LINEAR POWER SUPP	\$54.00

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 \*When used with IMPRES batteries, IMPRES display chargers indicate charge capacity in mAh, percentage of rated capacity, battery serial number, charge status, voltage, kit number, expected full charge capacity & more.

# US VERSION

L: Legacy models - Applicable to XPR 4000/6000, XPR 3000/5000/7000 and SL 7000 series

E: Enhanced models - Applicable to XPR 3000e/5000e/7000e, SL 7000e series and SL 3500e

L-E: Applicable to both Legacy and Enhanced radios

## RESELLER PRICES

## PORTABLE CARRY CASES

30/3300eXPR 3550, SL 3500e	XPR 6100	350/6380XPR 6550 /i/0/7350eXPR 7550, 7580/7380eXPR 7580, 7550SL 7550/7580eSL 7590	MOTOTRBO Ion	SLN 1000	MOTOTRBO IZ	MODEL NUMBER	DESCRIPTION	MSPR
L-E	L	L	L-E	L-E		1505596202	Replacement Strap for RLN4570 and HLN6602 Chest Packs	\$5.40
L-E	L	L	L-E	L-E		4200865599	Belt (1.75" wide black leather belt)	\$21.60
L-E	L	L	L-E	L-E		4280384F89	Universal RadioPAK™ Extension Belt for waist larger than 40"	\$5.40
					Y	HKLN5003	Hard Pelican Case for MOTOTRBO Ion - Fits two radios and has several accessory pockets	\$300.00
L-E	L	L	L-E	L-E	Y	HLN6602	Universal Chest Pack with Radio Holder, Pen Holder & Velcro Secured Pocket	\$41.04
L-E	L	L	L-E	L-E	Y	HLN9985	Waterproof Bag, includes large carrying strap	\$38.88
L-E	L	L	L-E	L-E	Y	NTN5243	Shoulder Strap (for use with Cases with D-Rings)	\$24.84
L-E	L	L	L-E	L-E	Y	RLN6486	FIREMAN'S RADIO STRAP	\$39.96
L-E	L	L	L-E	L-E	Y	RLN6487	FIREMAN'S RADIO STRAP, XL	\$43.20
L-E	L	L	L-E	L-E	Y	RLN6488	Anti-Sway Strap for Leather Radio Straps	\$16.20
L-E	L	L	L-E	L-E	Y	PMLN4651	2" Belt Clip	\$12.96
	L	L				PMLN4652	2.5" Belt Clip	\$14.04
		L				PMLN5015	Nylon Carry Case with 3" Fixed Belt Loop for Display Radio (XPR 6550 and XPR 6580 only)	\$28.08
		L				PMLN5019	Hard Leather Carry Case w/2.5" Swivel Belt Loop for Display Radio (XPR 6550 & XPR 6580 only)	\$64.80
		L				PMLN5020	Hard Leather Carry Case w/3" Swivel Belt Loop for Display Radio (XPR 6550 & XPR 6580 only)	\$66.96
	L	L				PMLN5021	Hard Leather Carry Case w/3" Fixed Belt Loop for Display Radio (XPR 6550 & XPR 6580 only)	\$55.08
	L	L				PMLN5022	2.5" Replacement Swivel Belt Loop	\$12.96
L-E	L	L	L-E	L-E	Y	PMLN5023	3" Replacement Swivel Belt Loop	\$12.00
L-E	L	L	L-E	L-E	Y	PMLN5610	2.5" Replacement Swivel Belt Loop	\$13.20
		L				PMLN5611	3" Replacement Swivel Belt Loop	\$13.20
	L	L				PMLN5024	Nylon Carry Case with 3" Fixed Belt Loop for Non-Display Radio (XPR 6100/6350/6380 only)	\$28.08
	L	L				PMLN5028	Hard Leather Carry Case with 2.5" Swivel Belt Loop for Non-Display Radio	\$64.80
	L	L				PMLN5029	Hard Leather Carry Case with 3" Swivel Belt Loop for Non-Display Radio	\$66.96
	L	L				PMLN5030	Hard Leather Carry Case with 3" Fixed Belt Loop for Non-Display Radio	\$55.08
					Y	PMLN407	2.5" REPLACEMENT SWIVEL BELT LOOP	\$16.74
					Y	PMLN409	3" REPLACEMENT SWIVEL BELT LOOP	\$16.74
		L-E	L-E	L-E		PMLN5838	Hard Leather Carry Case with 3" Fixed Belt Loop for Display Radio (XPR7550)	\$55.08
		L-E	L-E	L-E		PMLN5839	Hard Leather Carry Case with 3" Fixed Belt Loop for Non-Display Radio (XPR7350)	\$55.08
		L-E	L-E	L-E		PMLN5840	Hard Leather Carry Case with 3" Swivel Belt Loop for Display Radio (XPR7550)	\$66.96
		L-E	L-E	L-E		PMLN5842	Hard Leather Carry Case with 2.5" Swivel Belt Loop for Display Radio (XPR7550)	\$64.80
		L-E	L-E	L-E		PMLN5843	Hard Leather Carry Case with 2.5" Swivel Belt Loop for Non-Display Radio (XPR7350)	\$64.80
		L-E	L-E	L-E		PMLN5844	Nylon Carry Case with 3" Fixed Belt Loop for Display Radio (XPR7550)	\$28.08
		L-E	L-E	L-E		PMLN5845	Nylon Carry Case with 3" Fixed Belt Loop for Non-Display Radio (XPR7350)	\$28.08
		L-E	L-E	L-E		PMLN5846	Hard Leather Carry Case with 3" Swivel Belt Loop for Non-Display Radio (XPR7350)	\$66.96
L-E						PMLN5863	Hard Leather Carry Case 3" Fixed Belt Loop for Limited Keypad Radio (XPR3500)	\$55.08
L-E						PMLN5864	Hard Leather Carry Case with 3" Fixed Belt Loop for Non-Display Radio (XPR3300)	\$55.08
L-E						PMLN5865	Hard Leather Carry Case with 3" Swivel Belt Loop for Limited Keypad Radio (XPR3500)	\$63.72
L-E						PMLN5866	Hard Leather Carry Case with 3" Swivel Belt Loop for Non-Display Radio (XPR3300)	\$63.72
L-E						PMLN5867	Hard Leather Carry Case with 2.5" Swivel Belt Loop for Limited Keypad Radio (XPR3500)	\$62.64
L-E						PMLN5868	Hard Leather Carry Case with 2.5" Swivel Belt Loop for Non-Display Radio (XPR3300)	\$62.64
L-E						PMLN5869	Nylon Carry Case with 3" fixed belt loop for Limited Keypad Radio (XPR3500)	\$28.08
L-E						PMLN5870	Nylon Carry Case with 3" fixed belt loop for Non-Display Radio (XPR3300)	\$28.08
	E		L-E	L-E		PMLN5956	Carry Holster	\$12.96
	E		L-E	L-E	Y	PMLN6074	Wrist Strap	\$9.72
L-E	E		L-E	L-E	Y	PMLN7008	2.5" Belt Clip (XPR3300, XPR3500, XPR7350 and XPR7550 only)	\$14.04
	E					PMLN7040	Soft Leather Carry Case with 1.5" Swivel Belt Clip	\$27.00
	E					PMLN7076	Flexible Hand Strap	\$12.42
	E				Y	PMLN7128	Belt Clip (Heavy-Duty)	\$12.42
						PMLN7190	Swivel Carry Holster	\$12.96
L-E		L-E	L-E	L-E	Y	PMLN7296	Silent Alert Vibrating Belt Clip used with PMNN4488 battery	\$16.20
					Y	PMLN7932	Swivel Carry Holster	\$13.50
					Y	PMLN8126	PLASTIC CARRY HOLSTER WITH 2.5in BELT CLIP	\$12.96
					Y	PMLN8127	PLASTIC CARRY HOLSTER WITH 2.5in SWIVEL BELT LOOP	\$37.80
					Y	PMLN8299	HARD LEATHER CARRY CASE 3 INCH SWIVEL BELT LOOP DISPLAY	\$75.00
					Y	PMLN8300	HARD LEATHER CARRY CASE 2.5 INCH SWIVEL BELT LOOP DISPLAY	\$72.58
					Y	PMLN8301	HARD LEATHER CARRY CASE 3 INCH FIXED BELT LOOP DISPLAY	\$62.24
					Y	PMLN8302	HARD LEATHER CARRY CASE 3 INCH SWIVEL BELT LOOP NON DISPLAY	\$75.00
					Y	PMLN8303	HARD LEATHER CARRY CASE 2.5 INCH SWIVEL BELT LOOP NON DISPLAY	\$72.58
					Y	PMLN8304	HARD LEATHER CARRY CASE 3 INCH FIXED BELT LOOP NON DISPLAY	\$62.24
L-E	L	L	L-E	L-E		RLN4570	Break-Away Chest Pack	\$58.59
L	L	L	L-E	L-E		1571477L01	Accessory Connector Dust Cover	\$5.50
			L-E	L-E		PMLN6066	Accessory Connector Dust Cover	\$5.91
			L-E	L-E		15012157001	Accessory Connector Dust Cover	\$15.00
L-E	L	L	L-E	L-E		RLN4815	Universal RadioPAK™ & Utility Case (fanny pack)	\$48.60

# US VERSION

L: Legacy models - Applicable to XPR 4000/5000, XPR 3000/5000/7000 and SL 7000 series  
 E: Enhanced models - Applicable to XPR 3000e/5000e/7000e, SL 7000e series and SL 3500e  
 L-E: Applicable to both Legacy and Enhanced radios

RESELLER PRICES										EAR PIECES				
XPR 3000e	XPR 3000 Series	SL 3500e	XPR 4100	50/6380XPR 6550	7350XPR 7550	7380XPR 7380	5550L 755/7380SL 7590	XLXPR 7000 Series	MOTOTRBO	SLN 1000	MOTOTRBO R7	MODEL NUMBER	DESCRIPTION	MSRP
		E	L	L	L-E	L-E				Y		5080384F72	Replacement Foam Plugs (Qty 50 for use with RLNS887) - Noise Reduction Rating = 24dB	\$125.82
L-E			L	L	L-E	L-E						AARLN4885	Receive-Only Foam Earbud with 3.5mm plug for Remote Speaker Mic - FM / UL Approved	\$27.81
					L-E	L-E		Y				BDN6726	Earpiece with Standard Earphone, Black	\$44.50
					L-E	L-E		Y				BDN6727	Earpiece with Extra Loud Earphone, Black	\$46.72
L-E			L	L								HKLN4608	TRANSPARENT ACOUSTIC TUBE ACCY, PVC FREE	\$14.84
			L	L								NTN2571	Enhanced Operations Critical Wireless push-to-talk pod	\$150.12
		E	L	L	L-E	L-E	L-E	L-E				NTN2570	Earpiece with 12" cable and push-to-talk pod (For Enh Oper Critical Wireless with Touch Pairing)	\$350.46
E	E	L	L	L	L-E	L-E	L-E	L-E				NTN2572	Earpiece with 12" cable replacement (use with NNTN8127)	\$168.48
E	E	L	L	L	L-E	L-E	L-E	L-E				NNTN8125	Wireless Accessory Kit, Pod + Standard Pair, 12in Cable	\$258.12
E	E	L	L	L	L-E	L-E	L-E	L-E				NNTN8127	Wireless Push-to-Talk Pod ONLY with power supply	\$140.00
E												NNTN8189	ACCESSORY KIT, ASSY, ACCY, BLUETOOTH ACCY KIT, SP, 12 GB, NCHGR	\$259.00
E	E				L-E	L-E	L-E	L-E				NNTN8294	Operations Critical Wireless Earbud with 11.4" cable, inline mic, BLACK. Must be ordered with NNTN8127 wireless PTT Pod	\$43.20
E	E				L-E	L-E	L-E	L-E				NNTN8295	Operations Critical Wireless Earbud with 45.7" cable, inline mic, BLACK. Must be ordered with NNTN8127 wireless PTT Pod	\$43.20
E	E	L	L	L	L-E	L-E	L-E	L-E				NNTN8299	Replacement Earrips	\$3.40
L-E	E	L	L	L	L-E	L-E	L-E	L-E				NNTN8296	Wireless Covert Kit	\$194.40
E												PMLN7696	SURVEILLANCE, NECKLOOP AND DISCREET EARPIECE KIT	\$594.00
L-E												NNTN8385	Wireless Neckloop Y-adapter and retention hook	\$108.00
												NNTN8361	Eartips, Bulk Replacement	\$31.86
												NNTN8373	WIRELESS POD ADAPTER FOR 3.5MM HEADPHONES WITH SPEAKER AND MIC, PK OF 10	\$433.08
L-E	Y				L-E	L-E	L-E	L-E				PMLN4620	D-Shell Receive Only Earpiece with 3.5mm plug for Remote Speaker Microphone - FM / UL Approved	\$21.14
L-E					L-E	L-E	L-E	L-E				PMLN7396	D-Shell Adjustable Earpiece	\$21.60
			L	L								PMLN5712*	Operation Critical Wireless Adapter (designed for radio software version R01.07.00 or later)	\$77.76
L-E	Y											PMLN7269	2-WIRE SURVEILLANCE KIT W/QUICK DISCONNECT CLEAR ACOUSTIC TUBE, BLACK	\$52.38
L-E	Y											PMLN7270	2-WIRE SURVEILLANCE KIT W/QUICK DISCONNECT CLEAR ACOUSTIC TUBE, BEIGE	\$52.38
L-E	Y											PMLN6754	IMPRES 3-Wire Surveillance Kit with quick disconnect translucent tube, black	\$140.40
L-E	Y											PMLN6755	IMPRES 3-Wire Surveillance Kit with quick disconnect translucent tube, Beige	\$140.40
L-E	Y											PMLN5727	Earpiece Inline Microphone/PTT, Swivel, MagOne	\$38.88
L-E	Y											PMLN5732	Earsset w/ Boom Microphone, Mag One	\$32.40
							L-E			Y		PMLN7156	Mag One Earbud with in-line microphone and push-to-talk	\$21.60
L-E	Y											PMLN5733	Mag One Earbud with inline microphone and PTT	\$21.60
		E					L-E	L-E		Y		PMLN7157	2-Wire Surveillance Kit with translucent tube, black	\$46.44
		E					L-E	L-E		Y		PMLN7158	SURV. EARPIECE, IN-LINE MIC & PTT	\$43.20
		E					L-E	L-E		Y		PMLN7189	SWIVEL EARPIECE, IN-LINE MIC & PTT	\$31.32
		E					L-E	L-E		Y		PMLN7159	Adjustable D-style earpiece with in-line microphone and push-to-talk, black	\$46.44
			L	L								PMLN5993**	MOTOTRBO Wireless Adapter FM	\$77.76
					L-E	L-E						PMLN6047	Audio Adapter With Molex Jack	\$118.80
			L	L	L-E	L-E						PMLN6095	Audio Adapter, In-Line PTT Adapter, GCAI	\$306.84
			L	L	L-E	L-E		Y				PMLN6123	IMPRES 3 Wire Surveillance Kit, with Translucent Tube, Black - FM / UL Approved	\$192.45
			L	L	L-E	L-E		Y				PMLN6124	IMPRES 3 Wire Surveillance Kit, with Translucent Tube, Beige - FM / UL Approved	\$192.45
			L	L	L-E	L-E		Y				PMLN6125	Receive Only Surveillance Kit, Black (single wire) - FM / UL Approved	\$44.50
			L	L	L-E	L-E		Y				PMLN6126	Receive Only Surveillance Kit, Beige (single wire) - FM / UL Approved	\$44.50
			L	L	L-E	L-E		Y				PMLN6127	IMPRES 2 Wire Surveillance Kit, Black - FM / UL Approved	\$116.80
			L	L	L-E	L-E		Y				PMLN6128	IMPRES 2 Wire Surveillance Kit, Beige - FM / UL Approved	\$116.80
			L	L	L-E	L-E		Y				PMLN6129	IMPRES 2 Wire Surveillance Kit w/ Translucent tube - Black - FM / UL Approved	\$135.71
			L	L	L-E	L-E		Y				PMLN6130	IMPRES 2 Wire Surveillance Kit w/ Translucent tube - Beige - FM / UL Approved	\$135.71
L-E	Y											NNTN8459	1-Wire Surveillance Kit with translucent tube, black	\$66.74
L-E	Y											PMLN6635	Lightweight Over-the-Head Headset, Single Muff, In-line PTT and Boom Mic	\$95.58
L-E												PMLN6761	Ultra-Lite Behind-the-Head Headset	\$39.96
L-E												PMLN6759	IMPRES Temple Transducer with boom microphone and in-line push-to-talk	\$243.00
E		L	L	L-E	L-E	L-E	L-E					PMLN7052	1-Wire Surveillance Kit for OCW/MCW	\$56.16
										Y	Y	PMLN8092	ACOUSTIC TUBE WITH RUBBER EARBUD, REPLACEMENT KIT	\$12.96
										Y	Y	PMLN8120	3.5mm Receive Only Xtra Loud Translucent Tube RSM Earpiece	\$75.60
										Y	Y	PMLN8123	EP910W Op Critical Wireless Earpiece with PTT	\$81.00
										Y	Y	PMLN8295	2-WIRE SWIVEL LOUD AUDIO EARPIECE WITH EARTIP	\$100.00
										Y	Y	PMLN8337	1-WIRE SINGLE EARBUD WITH REMOVABLE EARHOOK LOUD AUDIO EARPIECE	\$29.00
										Y	Y	PMLN8341	1-WIRE SURVEILLANCE KIT WITH LOUD AUDIO TRANSLUCENT TUBE	\$52.00
										Y	Y	PMLN8342	2-WIRE SURVEILLANCE KIT WITH LOUD AUDIO TRANSLUCENT TUBE	\$108.00
										Y	Y	PMLN8343	3-WIRE SURVEILLANCE KIT WITH LOUD AUDIO TRANSLUCENT TUBE	\$170.00
										Y	Y	PMLN8363	RUBBER SLEEVE FOR EARBUD, S "QTY 1, PACK OF 25"	\$31.43
										Y	Y	PMLN8364	RUBBER SLEEVE FOR EARBUD, M "QTY 1, PACK OF 25"	\$31.43
										Y	Y	PMLN8365	RUBBER SLEEVE FOR EARBUD, L "QTY 1, PACK OF 25"	\$31.43
			L	L	L-E	L-E				Y	Y	RLN4760	Small Custom Earpiece, Right Ear for Surveillance Kits	\$22.14
			L	L	L-E	L-E				Y	Y	RLN4761	Medium Custom Earpiece, Right Ear for Surveillance Kits	\$22.14
			L	L	L-E	L-E				Y	Y	RLN4762	Large Custom Earpiece, Right Ear for Surveillance Kits	\$22.14
			L	L	L-E	L-E				Y	Y	RLN4763	Small Custom Earpiece, Left Ear for Surveillance Kits	\$22.14
			L	L	L-E	L-E				Y	Y	RLN4764	Medium Custom Earpiece, Left Ear for Surveillance Kits	\$22.14
L-E	Y		L	L	L-E	L-E				Y	Y	RLN4765	Large Custom Earpiece, Left Ear for Surveillance Kits	\$22.14
												RLN4941_XL	Receive-Only Earpiece with translucent tube, rubber eartip and 3.5mm plug (for use with Remote Speaker Microphone - FM / UL Approved)	\$91.80
												RLN5313	1-Wire Earpiece with Clear Acoustic Tube, Black, 3.55 mm threaded	\$60.07
L-E			L	L	L-E	L-E				Y	Y	PMLN7560	Receive Only Earpiece with translucent tube and rubber eartip	\$62.64
												RLN5886	Surveillance Low Noise Kit (includes (1) rubber eartip for low noise environments)	\$20.00
L-E		E	L	L	L-E	L-E	L-E	L-E		Y	Y	RLN6242	Low Noise Kit with translucent tube and 1 clear rubber eartip	\$8.53
L-E							L-E	L-E				67009254001	Replacement standard clear rubber eartip. Pack of 10 (replacement for PMLN5724/PMLN5726 and PMLN5957)	\$10.75
			L	L	L-E	L-E						RLN6280	Replacement Standard Earpiece - Biege	\$14.00
			L	L	L-E	L-E				Y		RLN6282	Replacement Ear Tips, Clear - Pack of 50 (for use with RLNS886)	\$48.87
L-E	E		L	L	L-E	L-E	L-E	L-E				RLN6500	Bluetooth Accessory Kit with NA Power Supply	\$106.92
E		L	L	L	L-E	L-E	L-E	L-E				RLN6556	Bluetooth Accessory Kit with flexible earpiece, Bluetooth pod, and charging cradle with power supply	\$106.92
L-E		L	L	L	L-E	L-E	L-E	L-E				RLN6550	Wireless Earpiece, Bluetooth Accessory Kit Multi (Pack of 3 PMLN6397)	\$106.92
E		L	L	L	L-E	L-E	L-E	L-E				PMLN7203	Flexible Fit Swivel Earpiece with Boom Microphone Multi-Pack (3 pack)	\$44.28
E	E				L-E	L-E	L-E	L-E				PMLN7851	OPERATIONAL CRITICAL WIRELESS EARPIECE PTT	\$63.72
L-E		L	L	L	L-E	L-E				Y	Y	RLN6511	EP7-SM Sonic Defenders Ultra Earplugs	\$30.78
L-E		L	L	L	L-E	L-E				Y	Y	RLN6512	EP7-M Sonic Defenders Ultra Earplugs	\$30.78
L-E		L	L	L	L-E	L-E				Y	Y	RLN6513	EP7-LG Sonic Defenders Ultra Earplugs	\$30.78
L-E	Y											PMLN6757	Adjustable D-style earpiece with in-line microphone and push-to-talk, black	\$49.68
L-E	Y		L	L	L-E	L-E		Y				WADN4190	Receive-Only Flexible Earpiece with 3.5mm plug to be used w/the Remote Speaker Microphone	\$47.83

\* Please consider battery selection when using BT devices. The additional current drawn will impact battery run time. (Not compatible with SMARTNET/Privacy Plus, Connect Plus, or LTR/PassPort modes of operation)

\*\*Touch Pairing Compatible with Mission Critical Wireless kits (Not compatible w/SMARTNET/Privacy Plus, Connect Plus, or LTR/PassPort modes of operation)























**US VERSION**

Y

L: Legacy models - Applicable to XPR 4000/6000, XPR 3000/5000/7000 and SL 7000 series  
 E: Enhanced models - Applicable to XPR 3000e/5000e/7000e, SL 7000e series and SL 3500e  
 L-E: Applicable to both Legacy and Enhanced radios

**RESELLER PRICES**

30/3500eXPR 3550	ULXPR 3000 Series	SL 3500e	XPR 6100	6350XPR 6100	6380XPR 6100	7350eXPR 7550	70/7380eXPR 7580/7550SL 7550/7580eSL 7590/7	ROTATOR/DIEM	XPR 7000 Series	MOTOTRBO	MODEL NUMBER	DESCRIPTION	MSRP
			L	L	L	L-E	L-E			Y	PMLN5096	D-Style Earset with Boom Mic - FM / UL Approved	\$68.69
			L	L	L	L-E	L-E				PMLN5101	Temple Transducer - Intrinsicly Safe (FM)	\$270.86
			L	L	L	L-E	L-E			Y	PMLN5102	Ultra Lightweight Headset - FM / UL Approved	\$88.58
			L	L	L	L-E	L-E				REX4648	Replacement Foam Earpad and Windscreens	\$7.78
			L	L	L	L-E	L-E				PMLN6852	Heavy Duty Behind-the-Head Headset with Noise-Canceling boom microphone	\$356.40
			L	L	L	L-E	L-E				PMLN7466	Heavy Duty Over-the-Head Headset with Noise-Canceling boom microphone	\$356.40
			L	L	L	L-E	L-E			Y	PMLN6853	Heavy Duty Behind-the-Head Headset with Noise-Canceling boom microphone	\$478.33
			L	L	L	L-E	L-E			Y	PMLN7467	Heavy Duty Over-the-Head Headset with Noise-Canceling boom microphone	\$478.33
E			L	L	L	L-E	L-E				RLN6490	XBT Headset 8TN, Heavy Duty Headset , BT	\$754.92
E			L	L	L	L-E	L-E				RLN6491	XBT Headset8B, Heavy Duty Headset , BT	\$754.92
			L	L	L	L-E	L-E				RLN6495	Boom Mic for XBT Headset (replacement part)	\$170.10
			L	L	L	L-E	L-E				RLN6496	Cooling Pads for XBT Headset (replacement part)	\$10.80
			L	L	L	L-E	L-E				RLN6497	Hygiene kit for XBT Headset (replacement part)	\$12.42
			L	L	L	L-E	L-E				RLN6498	Universal 5V PSU for XBT Headset (replacement part)	\$48.60
L-E											PMLN6760	Heavy Duty Behind-the-Head Headset with Noise-Canceling boom microphone	\$356.40
L-E	Y										PMLN6763	Heavy Duty Behind-the-Head Headset with Noise-Canceling boom microphone, TIA4950	\$478.33
L-E											PMLN7464	Heavy Duty Over-the-Head Headset with Noise-Canceling boom microphone	\$356.40
L-E	Y										PMLN7465	Heavy Duty Behind-the-Head Headset with Noise-Canceling boom microphone, TIA4950	\$478.33
								Y		Y	PMLN8085	Behind-the-Head Headset	\$426.60
								Y		Y	PMLN8086	Over-the-Head Headset	\$426.60
			L	L	L	L-E	L-E			Y	RMNS058	Lightweight Headset - Intrinsicly Safe (FM)	\$100.12
			L	L	L	L-E	L-E				RMNS137	3M Peltor MT Series 2-Way Comm Headset, MT7H79A Headband	\$475.48
			L	L	L	L-E	L-E				RMNS138	3M Peltor MT Series 2-Way Comm Headset, MT7H79B Neckband	\$475.48
			L	L	L	L-E	L-E				RMNS139	3M Peltor MT Series 2-Way Comm Headset, MT7H79P3E - Hard Hat Attachment	\$475.48
						L-E	L-E				RMN4052	HEADSET, TACTICAL W/BOOM MIC (requires adapter PMLN6095)	\$349.50
			L	L	L	L-E	L-E				RMN4056	HT Series Listen Only Over-The-Head Headset with 3.5mm threaded connector	\$130.50
			L	L	L	L-E	L-E				RMN4055	HT Series Listen Only Over-The-Head Headset with 3.5mm NON threaded connector	\$146.77
			L	L	L	L-E	L-E				RMNS135	TacticalPro Series Neckband Headset with Nexus connector	\$349.50
			L	L	L	L-E	L-E				RMN4052	TacticalPro Series Over-The-Head Headset with Nexus connector (requires adapter PMLN6095)	\$349.50
			L	L	L	L-E	L-E				RMN4051	MT Series Hard Hat Attached with Nexus connector (requires adapter PMLN6095)	\$269.10
						L-E	L-E				RLN6477	MT Series Neckband Headset with Nexus connector (requires adapter PMLN6095)	\$269.10
						L-E	L-E				PMLN6095	AUDIO ADAPTER,IN-LINE PTT ADAPTER, GCAI	\$386.00
			L	L	L	L-E	L-E				PMLN6830	Tactical Remote Ring PTT (For use with interface module PMLN6827)	\$56.16
			L	L	L	L-E	L-E				PMLN6767	Tactical Remote Body PTT (For use with interface module PMLN6827)	\$196.56
			L	L	L	L-E	L-E				PMLN6833	Tactical Temple Transducer with Noise-Canceling boom microphone (Requires interface module PMLN6868)	\$349.92
			L	L	L	L-E	L-E				PMLN6827	Tactical PTT Interface Module	\$252.72
						L-E	L-E			Y	PMLN8297	GCAI-MINI PTT NEXUS ADAPTER	\$464.00

\* = 24dB FM includes a Noise-Canceling Boom Microphone for use with or without a hardhat. PTT switch on earcup - FM / UL Approved

**US VERSION**

L: Legacy models - Applicable to XPR 4000/6000, XPR 3000/5000/7000 and SL 7000 series  
 E: Enhanced models - Applicable to XPR 3000e/5000e/7000e, SL 7000e series and SL 3500e  
 L-E: Applicable to both Legacy and Enhanced radios

RESELLER PRICES										MICROPHONES	
00/3300eXPR 3550, JL XPR 3000 Series	SL 3500e	XPR 6100	6350XPR 61	6380XPR 610/7350eXPR 7550, 10/7380eXPR 7580,7550SL 7550/7580eSL 7590/	MOTOTRBOlon JL XPR 7000 Series	MOTOTRBO	MODEL NUMBER	DESCRIPTION	MSRP		
E		E		L-E	L-E		RLN6561	ACCESSORY KIT, OPERATIONAL CRITICAL WIRELESS RSM W/BATTERY AND CLIP	\$237.60		
				E	E		RLN6562	Operations Critical Wireless Remote Speaker Microphone with Battery and Belt clip and Dual Un	\$286.20		
		L	L	L-E	L-E	Y	NNTN8382*	IMPRES Industrial Noise Cancelling Microphone - Submersible (IP57) - UL Approved	\$239.17		
		L	L	L-E	L-E	Y	NNTN8383*	IMPRES Industrial Noise Cancelling Microphone with threaded 3.5mm audio jack - UL Approved	\$244.73		
						Y	PMMN4232	REPLACEMENT CABLE FOR RSM	\$58.00		
						Y	PMLN121	LOW PROFILE SWIVEL CLIP	\$12.00		
						Y	PMLN122	REPLACEMENT DUST COVER FOR RSM (PACK OF 10)	\$10.00		
		L	L	L-E	L-E	Y	PMMN4024*	Remote Speaker Microphone with 3.5mm audio jack - FM / UL Approved	\$95.04		
		L	L	L-E	L-E	Y	PMMN4025_L	IMPRES Remote Speaker Microphone with 3.5mm audio jack - FM / UL Approved	\$113.40		
		L	L	L-E	L-E	Y	PMMN4040	Remote Speaker Microphone - Submersible (IP57) - FM / UL Approved	\$95.04		
		L	L				PMMN4041**	IMPRES Public Safety Microphone, 30" Cable	\$146.88		
		L	L				PMMN4042**	IMPRES Public Safety Microphone, 24" Cable Intrinsically Safe (FM)	\$146.88		
		L	L				PMMN4043**	IMPRES Public Safety Microphone, 18" Cable Intrinsically Safe (FM)	\$146.88		
		L	L	L-E	L-E	Y	PMMN4046_L	IMPRES Remote Speaker Microphone with Volume - Submersible (IP57) - FM / UL Approved	\$111.24		
		L	L				PMMN4047**	IMPRES Public Safety Microphone, 30" Cable - Submersible (IP57) Intrinsically Safe (FM)	\$246.78		
		L	L				PMMN4048**	IMPRES Public Safety Microphone, 24" Cable - Submersible (IP57) Intrinsically Safe (FM)	\$246.78		
		L	L				PMMN4049**	IMPRES Public Safety Microphone, 18" Cable - Submersible (IP57) Intrinsically Safe (FM)	\$246.78		
L-E	Y			L-E	L-E	Y	PMMN4050	IMPRES Remote Speaker Microphone w/3.5mm Earjack, Noise Cancelling - FM / UL Approved	\$113.40		
L-E	Y						PMMN4071_L	IMPRES RSM large 3.5 jack NC / UL Approved	\$114.48		
L-E	Y						PMMN4073_L	IMPRES Windporting RSM, small 3.5 jack / UL Approved	\$98.28		
L-E	Y						PMMN4075	RSM, small IP57, no Emerg / UL Approved	\$81.00		
L-E	Y						PMMN4076	RSM small 3.5 jack, no Emerg / UL Approved	\$79.38		
		Y		L-E	L-E	Y	PMMN4099	REMOTE SPEAKER MICROPHONE, IP68 REMOTE SPEAKER MICROPHONE, 3.5MM, UL	\$142.56		
						Y	PMMN4125	REMOTE SPEAKER MICROPHONE WITH 2.5MM CONNECTOR	\$131.76		
						Y	PMMN4127	Operational Critical Wireless RSM WM500	\$208.44		
						Y	PMMN4128	RM780 IMPRES™ RSM, 3.5mm earpiece, radio controls, IP68, HAZLOC	\$172.80		
						Y	PMMN4131	RM730 IMPRES WINDPORTING REMOTE SPEAKER MICROPHONE, SMALL (IP68)	\$125.00		
		L	L	L-E	L-E	Y	PMMN4140	RM760 IMPRES WINDPORTING REMOTE SPEAKER MICROPHONE, LARGE (IP68)	\$131.00		
		L	L	L-E	L-E		BDN6719	One-wire Flexible Ear Receiver, black. Compatible with NNTN8383 only.	\$38.93		
							RLN6074	Remote Speaker Microphone Replacement Coil Cord Kit (for PMMN4024 and PMMN4040)	\$75.60		

Microphones: In order to support GPS with a Public Safety Microphone, both Radio and Microphone must have an Antenna.  
 \* When connected to the XPR 7550 IS CSA radio, it should only be used in digital mode  
 \*\* Antenna sold separately - PMAE4046, PMAE4047, PMAE4048, PMAD4087, PMAD4086. Listed within Antenna Section) - Intrinsically Safe (FM)

# US VERSION

L: Legacy models - Applicable to XPR 4000/6000, XPR 3000/5000/7000 and SL 7000 series  
 E: Enhanced models - Applicable to XPR 3000e/5000e/7000e, SL 7000e Series and SL 3500e  
 L-E: Applicable to both Legacy and Enhanced radios

RESELLER PRICES										TOOLS & MISC		
30/3300eXPR 3550	SL 3500e	XPR 6100	XPR 6350XPR 6550	XPR 6380XPR 6580	10/7350eXPR 7550	10/7380eXPR 7580	SL 7550SL 7550e	10/7580eSL 7590/7	MOTOTRBO R7	MODEL NUMBER	DESCRIPTION	MSRP
					X	X	X	X		AY000267A01	Screen Protector, clear (single pack - QTY 1)	\$8.50
										AY000269A01	Screen Protector, clear (single pack - QTY 1)	\$9.00
									X	AY000808A01	ACCESSORY KIT, RJ SCREEN PROTECTOR CLEAR (1 PCS)	\$8.50
									X	AY000808A02	ACCESSORY KIT, SCREEN PROTECTOR CLEAR (BULK, 10 PCS)	\$60.00
									X	AY000808A03	ACCESSORY KIT, SCREEN PROTECTOR CLEAR (BULK, 50 PCS)	\$280.00
<b>Service Equipment: Pricing for service parts can be found on MOL or by contacting Customer Service</b>												
	X						X	X		25-124330-01R	Programming Cable, Micro USB	Call for Pricing
		X	X	X			X	X		28012039001	RF ADAPTER for SL7550	Call for Pricing
X		X	X	X	X	X				58803488B33	Portable SMA to BNC RF Adapter	Call for Pricing
X		X	X	X	X	X				NLN9839	Vacuum Pump for Field Install Kit	Call for Pricing
		X	X	X	X	X				NTN4265	Pressure Pump for Field Install Kit	Call for Pricing
		X	X	X	X	X				PMKN4012	Portable Programming Cable	Call for Pricing
		X	X	X	X	X				PMKN4013	Portable Programming, Test and Align Cable	Call for Pricing
		X	X	X	X	X				PMKN4040	DMR Portable Telemetry Cable	Call for Pricing
		X	X	X	X	X				PMKN4071	Portable to RS232 DB25M Connector Cable	Call for Pricing
		X	X	X	X	X				PMKN4070	IMPRES Mobile MAP Non-PC Adapter	Call for Pricing
X		X	X	X	X	X				PMKN4072	IMPRES Mobile MMP Non-PC Adapter	Call for Pricing
									X	PMKN4115	Portable Programming Cable for XPR3300 and XPR3500	Call for Pricing
									X	PMKN4230	Data Transfer Cable for MOTOTRBO Ion / R7 (UL Certified)	Call for Pricing
									X	PMKN4231	Test and Align Cable	Call for Pricing
X					X	X			X	PMKN4265	Programming/Data Cable (Non-UL)	Call for Pricing
X					X	X				PMLN6154	RF Adapter for XPR3000 and XPR7000 series	Call for Pricing
X					X	X				PMLN6155	RF Adapter Holder for XPR7350 and XPR7550	Call for Pricing
X		X	X	X						PMLN6201	RF Adapter Holder for XPR3300 and XPR3500	Call for Pricing
X		X	X	X	X	X				PMNN4076	Portable Battery Eliminator	Call for Pricing
X		X	X	X	X	X	X	X		PMNN4428	Portable Battery Eliminator for XPR3000 and XPR7000 series	Call for Pricing
X		X	X	X	X	X				PMNN4429	Battery Eliminator	Call for Pricing
					X	X				RLN4460	Test Box for Portables and Mobiles	Call for Pricing
					X	X				PMLN5496	XPR 6000 MOTOTRBO Expansion Card (Option Board)	Call for Pricing
					X	X				PMLN7324_5	XPR 7000e MOTOTRBO Expansion Card (Option Board)	Call for Pricing
X	X	X	X	X	X	X	X	X		HKVN4362	For MOTOTRBO CPS/RM pricing and details, see the link below: <a href="https://docs.google.com/spreadsheets/d/1fxphmVGA5o90UHN-ji05_HfuaYAcxPKAaVXFNI6l4/edit?usp=sharing">https://docs.google.com/spreadsheets/d/1fxphmVGA5o90UHN-ji05_HfuaYAcxPKAaVXFNI6l4/edit?usp=sharing</a>	
										HKVN4622		
<b>Software License Keys:</b>												
L-E	LE	L-E	L-E	L-E	L-E	L-E	X	X		HKVN4036	NA Fleet Management License Key (Entitlement ID)	\$0.00
							X	X		HKVN4249	MOTOTRBO Permanent Discoverable & Data Transfer Services via Bluetooth	\$50.00
<b>User Manuals:</b>												
X	X	X	X	X	X	X	X	X		68009419001	XPR 6100 Portable User Guide (PDF Only)	N/C
		X	X	X						68009554001	SL Series User Guide (PDF only)	N/C
		X	X	X						6880309T12	MOTOTRBO System Planner	\$30.00
		X	X	X						6880309T30	MOTOTRBO Portable Basic Service Manual	\$30.00
		X	X	X						6880309T31	MOTOTRBO Portable Detailed Service Manual	\$40.00
		X	X	X						HKLN4282	Portable User Guide CD Kit (includes User Guides in English and French Canadian)	\$10.00

# US VERSION

L: Legacy models - Applicable to XPR 4000/6000, XPR 3000/5000/7000 and SL 7000 series  
 E: Enhanced models - Applicable to XPR 3000e/5000e/7000e, SL 7000e series and SL 3500e  
 L-E: Applicable to both Legacy and Enhanced radios

## Call Boxes:

Allows for integration into most existing radio systems and provides direct access to personnel connected to the system. Allows for expansion of security coverage and can help improve response time without the need for additional personnel. Includes a voice instruction message for the user, automatic call box ID and user location identifiers, a courtesy light, easy push-to-talk operation, a silent tamper alert broadcast to security, low battery alert, 40-day standby battery capacity, one 12-volt, 12 amp/hour rechargeable battery, call box keys and tamper resistant screw bits. Pricing does not include radio or installation. Remote speaker microphone cable and BNC antenna adaptor for the particular radio model must be supplied by the reseller.

Note 1: Use Call Box RF Kits (HK2079A, HK2080A, HK2081A) for RF module. These kits use SMA type antenna connector. [https://docs.google.com/spreadsheets/d/1680Fn3nXQBDGPvok0VWVyoZz\\_mAgx211\\_snQeplgnKM/edit#gid=1148637263](https://docs.google.com/spreadsheets/d/1680Fn3nXQBDGPvok0VWVyoZz_mAgx211_snQeplgnKM/edit#gid=1148637263)

For radio integration into the Call Box/RTU please contact the specific call box/RTU manufacturer.

## RESELLER PRICES

30/3300eXPR 3550	SL 3500e	XPR 6100	XPR 6350XPR 6550	XPR 6380XPR 6580	30/7350eXPR 7550/30/7380eXPR 7580	SL 7550SL 7550e	30/7580eSL 7590/7	MODEL NUMBER	DESCRIPTION	MSRP
								HK2079	Call Box RF Kit FKP Display "e" model 5W 136-174 MHz	\$958.33
								HK2080	Call Box RF Kit FKP Display "e" model 4W 403-512 MHz	\$958.33
								HK2081	Call Box RF Kit FKP Display "e" model 2.5W 800/900 MHz	\$958.33
								Call Box RF Kits do not include antenna, battery, belt clip, dust connector, or charger		
								<b>A1 Call Boxes - Field programmable. Mounts on a wall, or on a PVC or aluminum stanchion. Solar or AC/DC power. The .090 thick aluminum enclosure with white powder coat measures 13"H x 9.5"W x 6.5"D. Provides protection against dust</b>		
		L	L	L	note 1	note 1		RRDN4362	Solar Wall or Pole Mounting	\$2,770.20
		L	L	L	note 1	note 1		RRDN4363	AC/DC Wall or Pole Mounting	\$2,662.20
		L	L	L	note 1	note 1		RRDN4365	Solar with Aluminium Stanchion (A1010) w/o Base Pedestal	\$3,666.60
		L	L	L	note 1	note 1		RRDN4444	A1A1010 Base Pedestal	\$615.60
								<b>A106.5 Call Boxes - Freestanding. Solar or AC/DC power. The .090 thick, white powder-coated aluminum box measures</b>		
		L	L	L	note 1	note 1		RRDN4588	Solar Powered w/o Base Pedestal	\$3,018.60
		L	L	L	note 1	note 1		RRDN7776	A106.5 Base Pedestal	\$486.00
								<b>A1410 Call Boxes - Self-standing. The .090 thick aluminum stanchion with white powder coat measures 10"H x 14"W x 7.5"D. Thick, clear Lexan faceplate cover and includes an activation ringer, antenna and set of large reflective decals. 10</b>		
		L	L	L	note 1	note 1		RRDN4369	Solar Powered	\$4,752.00
		L	L	L	note 1	note 1		RRDN4370	AC/DC w/o Base Pedestal	\$3,564.00
		L	L	L	note 1	note 1		RRDN4447	A1410 Base Pedestal	\$486.00
		L	L	L	note 1	note 1		RRDN7782	A1410 Solar w/o Base Pedestal, with Public Address System (PA)	\$4,044.60
								<b>A144 Call Boxes - Flexibility. Can be wall or pole mounted for convenient accessibility. The .090 thick, white, powder-coated aluminum enclosure measures 4" H x 14" W x 7.5" D. Includes a 6-watt locator LED that converts to a strobe light</b>		
		L	L	L				RRDN4590	Solar Wall or Pole Mounting	\$3,537.00
		L	L	L				RRDN4591	AC/DC Wall or Pole Mounting	\$3,429.00
								<b>A1510 Call Boxes</b>		
		L	L	L	note 1	note 1		RRDN7778	Solar w/o Base Pedestal, with Public Address System (PA)	\$4,320.00
								<b>ACB Call Boxes - Push-to-talk communication. No door to open. The indoor/outdoor wall mount aluminum enclosure is .090 thick</b>		
		L	L	L	note 1	note 1		RRDN4367	Solar Wall or Pole Mounting	\$2,997.00
		L	L	L	note 1	note 1		RRDN4368	AC/DC Wall or Pole Mounting	\$2,889.00

# US VERSION

L: Legacy models - Applicable to XPR 4000/6000, XPR 3000/5000/7000 and SL 7000 series

E: Enhanced models - Applicable to XPR 3000e/5000e/7000e and sl 7000e series

L-E: Applicable to both Legacy and Enhanced radios

## RESELLER PRICES

## MOTOTRBO MOBILE ACCESSORIES

XPR 2500	XPR 4350XPR 4550	XPR 4380XPR 4580	350/5350eXPR 5550/S	380/5380eXPR 5580/S	MODEL NUMBER	DESCRIPTION	MSRP
<b>Antennas: The following antennas are intended for customers that would like one combined antenna for UHF and GPS:</b>							
	L		L-E		HAE6019	GPS/UHF 450-527 MHz 2dB Gain	\$169.56
	L		L-E		HAE6020	GPS/UHF 470-527 MHz 1/4 Wave	\$147.96
	L		L-E		HAE6024	GPS/UHF 470-494 MHz 3.5dB Gain	\$147.00
	L		L-E		HAE6026	GPS/UHF 494-512 MHz 3.5dB Gain	\$147.00
	L	L	L-E	L-E	HAE6028	UHF Antenna Kit 470-494 MHz, 3 dB Gain, Through-hole Mount	\$45.36
	L	L	L-E	L-E	HAE6029	UHF Antenna Kit 403-527 MHz, 2 dB Gain, Through-hole Mount	\$61.56
	L	L	L-E	L-E	HAE6030	UHF Antenna Kit 470-527 MHz, 1/4 Wave, Through-hole Mount	\$22.50
	L	L	L-E	L-E	HAF4029	Combination GPS+RF, 806-941 MHz, 1/4 Wave, Through-hole Mount, Mini-U	\$125.28
	L	L	L-E	L-E	HAF4030	Combination GPS+RF, 806-941 MHz, 3dB gain, Through-hole Mount, Mini-U	\$156.06
	L	L	L-E	L-E	HAF4032	Combination GPS+RF, 806-941 MHz, 5dB gain, Through-hole Mount, Mini-U	\$145.80
	L	L	L-E	L-E	HAF4033	Combination GPS+RF, 806-941 MHz, 5dB gain, Through-hole Mount, Mini-U	\$164.70
	L		L-E		PMAE4030	Combination GPS/UHF, 1/4 Wave Through-hole Mount Antenna (403-430MHz)	\$136.08
	L		L-E		PMAE4031	Combination GPS/UHF, 1/4 Wave Through-hole Mount Antenna (450-470MHz)	\$136.08
	L		L-E		PMAE4032	Combination GPS/UHF, 3.5dB Gain Through-hole Mount Antenna (406-420MHz)	\$169.56
	L		L-E		PMAE4033	Combination GPS/UHF, 3.5dB Gain Through-hole Mount Antenna (450-470MHz)	\$169.56
	L		L-E		PMAE4034	Combination GPS/UHF, 5dB Gain Through-hole Mount Antenna (450-470MHz)	\$169.56
	L		L-E		RAD4214	Combination GPS/VHF, 1/4 Wave Through-hole Mount Antenna (136-144 MHz)	\$136.08
	L		L-E		RAD4215	Combination GPS/VHF, 1/4 Wave Through-hole Mount Antenna (146-150.8 MHz)	\$136.08
	L		L-E		RAD4216	Combination GPS/VHF, 1/4 Wave Through-hole Mount Antenna (150.8-162 MHz)	\$136.08
	L		L-E		RAD4217	Combination GPS/VHF, 1/4 Wave Through-hole Mount Antenna (162-174 MHz)	\$136.08
	L		L-E		RAD4218	Combination GPS/VHF, 3.0dB Gain Through-hole Mount Antenna (146-172 MHz)	\$169.56
<b>The following antennas are intended for customers that have existing mobile antennas and want to add GPS capability:</b>							
	L	L	L-E	L-E	PMA4000	Fixed Mount GPS Active Antenna	\$112.86
	L	L	L-E	L-E	PMA4001	Window Mount GPS Active Antenna	\$45.90
	L	L	L-E	L-E	PMA4002	Mag Mount GPS Active Antenna	\$39.42
<b>The following antennas are intended for customers who do not plan to use GPS:</b>							
L	L		L-E		HAD4006	VHF 1/4 Wave Through-hole Mount Antenna, 136-144 MHz	\$25.92
L	L		L-E		HAD4007	VHF 1/4 Wave Through-hole Mount Antenna, 146-150.8 MHz	\$25.92
L	L		L-E		HAD4008	VHF 1/4 Wave Through-hole Mount Antenna, 150.8-162 MHz	\$25.92
L	L		L-E		HAD4009	VHF 1/4 Wave Through-hole Mount Antenna, 162-174 MHz	\$25.92
L	L		L-E		HAD4022	VHF 3.0dB Gain, Through-hole Mount, Mini-U, 132-174 MHz	\$70.74
L	L		L-E		HAE4002	UHF 1/4 Wave Through-hole Mount Antenna, 403-430 MHz	\$37.80
L	L		L-E		HAE4003	UHF 1/4 Wave Through-hole Mount Antenna, 450-470 MHz	\$23.22
L	L		L-E		HAE4004	UHF 1/4 Wave Through-hole Mount Antenna, 470-527 MHz	\$23.22
L	L		L-E		HAE4013	UHF 3.5dB Gain Through-hole Mount Antenna, 494-512 MHz	\$72.00
L	L		L-E		HAE6022	UHF 2dB Gain Through-hole Mount Antenna, 403-470MHz	\$69.56
L	L		L-E		RAE4004ARB	UHF 5dB Gain Through-hole Mount Antenna, 450-470 MHz	\$110.16
L	L		L-E		RAE4163ARB	UHF Stubby Through-hole Mount Antenna, 410-430 MHz	\$65.88
L	L		L-E		RAE4164ARB	UHF Stubby Through-hole Mount Antenna, 430-450 MHz	\$65.88
L	L		L-E		RAE4168ARB	UHF Stubby Through-hole Mount Antenna, 450-470 MHz	\$65.88
<b>800/900MHz Non-GPS Antennas only:</b>							
	L		L-E	L-E	HAF4013	7/8/900 MHz, stubby, Through-hole Mount, Mini-U	\$46.44
	L		L-E	L-E	HAF4025	806-941 MHz, 1/4 Wave, Through-hole Mount, Mini-U	\$30.24
	L		L-E	L-E	HAF4026	806-941 MHz, 3 dB gain, Through-hole Mount, Mini-U	\$61.56
<b>Replacement Antennas:</b>							
	L		L-E	L-E	HAF4019	Antenna only, 806-941 MHz, 1/4 Wave	\$21.60
	L		L-E	L-E	PMA4004	Combo GPS+RF, Base Only, Through-hole Mount, Mini-U	\$112.86
<b>Cables:</b>							
L	L	L	L-E	L-E	HKN4137	Power Cable to Battery (10 feet, 15 amp)	\$19.44
L	L	L	L-E	L-E	HKN4191	Power Cable to Battery (10 feet, 20 amp)	\$31.32
L	L	L	L-E	L-E	HKN4192	Power Cable to Battery (20 feet, 20 amp)	\$47.52
L					HKN9327_R	Ignition Sense Cable	\$18.36
L	L	L	L-E	L-E	PMKN4163	USB Programming Cable for Mobile MIC w/BT Gateway (PMMN4097)	\$21.60
L	L	L	L-E	L-E	RKN4136	Ignition Sense Cable	\$37.80
<b>Control Station Accessories:</b>							
L	L	L	L-E	L-E	3060665A04	AC Power Supply Cable (works with GPN6145 Power Supply)	\$30.00
L	L	L	L-E	L-E	GKN6266	DC Power Supply Cable (works with GPN6145 Power Supply)	\$32.40
L	L	L	L-E	L-E	GLN7318	Desktop Tray without Speaker	\$43.20
L	L	L	L-E	L-E	GLN7326	Desktop Tray with Speaker	\$89.10
L	L	L	L-E	L-E	HKN9088	Mobile Mini-U Antenna Adapter - 8 Ft. Cable	\$43.47
L					HLN9457	Hardware Kit for use with the Expanded Accessory Connector (includes 16 connector pins, five (5) 8" wires with pins attached and an extra housing)	\$7.51
L	L	L	L-E	L-E	HPN4007	Power Supply and Cable (1-60 Watt Models)	\$319.68
L	L	L	L-E	L-E	PMLN5072	Hardware Kit for Rear Accessory Connector	\$6.00
L	L	L	L-E	L-E	PMMN4098	Desktop Microphone	\$129.60
L	L	L	L-E	L-E	RMN5050	Desktop Microphone	\$129.60
L	L	L	L-E	L-E	RSN4005	Desktop Tray with Speaker	\$90.72
<b>Handheld Control Head Accessories:</b>							
			L-E	L-E	PMLN7131	MOTOTRBO Handheld Control Head for XPR 5550 /5550e/ 5580/5580e	Call For Pricing
			L-E	L-E	PMKN4174	16ft Extension Cable for MOTOTRBO Handheld Control Head (for XPR 5550/5550e / 5580/5580e)	Call For Pricing
<b>Handsfree Accessories:</b>							
L					RLN4856	Footswitch with Remote PTT	\$86.40
L					RLN4857	Pushbutton with Remote PTT	\$41.58
	L	L	L-E	L-E	RLN5926	Push Button PTT	\$42.12
	L	L	L-E	L-E	RMN5054'	IMPRES Visor Microphone	\$64.80
<b>Loudspeakers:</b>							
L					HSN8145	7.5 Watt External Speaker	\$51.30
L					RSN4001	13 Watt External Speaker	\$71.28
	L	L	L-E	L-E	RSN4002	13 Watt External Speaker	\$71.28
	L	L	L-E	L-E	RSN4003	7.5 Watt External Speaker	\$51.84
	L	L	L-E	L-E	RSN4004	5 Watt External Speaker	\$47.52
<b>Microphones:</b>							
	L	L	L-E	L-E	3075336807	Compact Microphone Replacement Cable	\$35.00
	L	L	L-E	L-E	3075336810	Heavy Duty / Keypad Microphone Replacement Cable	\$37.80
L					GMMN4065	Visor Microphone (Omni-Direction). Supports Remote Monitor.	\$62.64
L					HLN9073	Microphone Hang-up Clip (requires install)	\$1.19
L					HLN9414	Microphone Hang-up Clip (Universal - no install required)	\$14.04
	L	L	L-E	L-E	HMN4098'	IMPRES Telephone Style Handset	\$210.60
	L	L	L-E	L-E	PMKN4033	Microphone Extension Cable for RMN5052 - 10 feet	\$45.36
	L	L	L-E	L-E	PMKN4034	Microphone Extension Cable for RMN5052 - 20 feet	\$51.84
L					PMMN4089	Enhanced Keypad Microphone. Supports Remote Monitor.	\$106.92
L					PMMN4090	Compact Microphone with Clip. Does not support Remote Monitor.	\$43.20
L					PMMN4091	Heavy Duty Microphone. Does not support Remote Monitor.	\$88.02
	L	L	L-E	L-E	PMMN4097	Mobile Mic with Bluetooth Gateway	\$232.20
					RLN6490	XBT Behind-the-Neck Heavy Duty Headset with Bluetooth	\$754.92
					RLN6491	XBT Headband Style Heavy Duty Headset with Bluetooth	\$754.92
	L	L	L-E	L-E	RMN5052'	Compact Microphone	\$58.32
	L	L	L-E	L-E	RMN5053'	IMPRES Heavy Duty Microphone	\$92.34
	L	L	L-E	L-E	RMN5065	IMPRES Keypad Microphone Alpha Numeric Display only)	\$151.20
			L-E	L-E	RMN5127'	IMPRES 4-way Navigation Keypad Mic (Alpha numeric Display only)	\$167.40
<b>Mounting Accessories:</b>							
L					FTN6083	DIN Mount Kit	\$59.40
	L	L	L-E	L-E	HLN9073	Microphone Hang-Up Clip (all microphones)	\$1.19
	L	L	L-E	L-E	HLN9414	Universal Hang-Up Clip (all microphones)	\$14.04
	L	L	L-E	L-E	HKN9557	PL259/Mini-U Antenna Adapter - 8' Cable	\$12.00

	L	L			RLN5933	In Dash (DIN) Mounting Kit		\$30.00
	L	L			RLN6078	High Profile Trunnion Kit		\$21.00
	L	L			RLN6079	Key Lock Trunnion Kit		\$122.00
L			L-E	L-E	RLN6465	In-Dash Mounting Kit - DIN		\$32.40
			L-E	L-E	RLN6466			\$17.28
L			L-E	L-E	RLN6467	Low Profile Trunnion Kit (this is the trunnion kit that ships standard with the XPR5350 / XPR5550/ XPR2500 radios (RLN6469), but is packaged		\$22.68
L			L-E	L-E	RLN6468	High Profile Trunnion Kit		\$131.76
						<b>Remote Mount Adaptor Kit Accessories:</b>		
	L	L			PMKN4073	MOTOTRBO Mobile Remote Mount 5 Meter Cable Kit to use with PMLN5404A		\$70.20
	L	L			PMKN4074	MOTOTRBO Mobile Remote Mount 3 Meter Cable Kit to use with PMLN5404A		\$59.40
	L	L			PMLN5404	MOTOTRBO Mobile Remote Mount Adaptor Kit		\$118.80
						Note: Firmware version R02.0611 or later MUST be programmed into the Mobile radio unit for proper operation of		
			L-E	L-E	PMLN6404	MOTOTRBO Mobile Remote Mount Adaptor Kit		\$118.80
			L-E	L-E	PMKN4143	XPR 5000/5000e Mobile Remote Mount 3 Meter Cable for use with PMLN6404		\$59.40
			L-E	L-E	PMKN4144	XPR 5000/5000e Mobile Remote Mount 5 Meter Cable for use with PMLN6404		\$70.20
			L-E	L-E	PMLN6404	XPR 5000/5000e Mobile Remote Mount Adaptor Kit (place orders on May 1 and shipments begin on May 15)		\$118.80
						Note: Firmware version R02.06.11 or later MUST be programmed into the Mobile radio unit for proper operation of the Remote Mount Control Head configuration. For in-trunk installation, may also need a 20' radio power cable HKN4192. Cables not included, please select from		
						<b>Replacement Button Kits:</b>		
		L			HKLN4291	Standard Button Kit, XPR™ 4500, XPR™ 4550 (Monitor, Scan, Backlight, Emergency, Talkaround, Text Message, Contacts)		\$23.65
	L				HKLN4293	Standard Button Kit, XPR™ 4300 (Monitor, Scan)		\$9.03
						<b>Service Equipment: Pricing for service parts can be found on MDL or by contacting Customer Service</b>		
	L	L	L-E	L-E	HKNG184	Mobile Front Programming Cable		Call for pricing
	L	L	L-E	L-E	HLN7001	Option Board Interface Kit		\$15.05
	L	L	L-E	L-E	HKVN4101	MOTOTRBO Radio Management (RM) license (Price quantity discount applies: 1 - 499; 500 - 999; 1000 - 4999; 5000 +). Radio Management (RM) provides a faster and more efficient way to manage and make updates to radios in a wired or over the air programming (OTAP) configuration. Each license allows for 1 additional radio to be added to RM database. Note: RM supports all MOTOTRBO radios in a wired		\$0.00
		L	L-E	L-E	PMKN4010	Mobile and Repeater Rear Programming Cable		Call for pricing
		L	L-E	L-E	PMKN4016	Mobile and Repeater Rear Programming, Test and Alignment Cable		Call for pricing
		L	L-E	L-E	PMKN4018	Mobile Rear Accessory Connector Universal Cable		Call for pricing
L					PMKN4147	MMP Telco Programming Cable		Call for pricing
L					PMKN4148	MAP Programming Cable w/ USB		Call for pricing
L					PMKN4149	MAP Test Cable w/ USB		Call for pricing
L					PMKN4150	MAP Test Cable w/ DB25		Call for pricing
L					PMKN4151	MAP Universal Cable		Call for pricing
L	L	L	L-E	L-E	PMLN5496	MOTOTRBO Expansion Card (Option Board)		Call for pricing
L	L	L	L-E	L-E	RLN4460	Test Box for Portables and Mobiles		Call for pricing
L	L	L	L-E	L-E	HKVN4362	For MOTOTRBO CPS/RM pricing and details, see the link below:		
					HKVN4622	<a href="https://docs.google.com/spreadsheets/d/1XpHrmVGAs090UHN-ito5_HfuaYAcxPkAaVXFNGt4/edit?usp=sharing">https://docs.google.com/spreadsheets/d/1XpHrmVGAs090UHN-ito5_HfuaYAcxPkAaVXFNGt4/edit?usp=sharing</a>		
						<b>User Manuals:</b>		
L					68009613001	MOTOTRBO XPR 2500 Alpha Numeric User Guide (PDF Only)		
L					68009620001	XPR 2500 Basic Service Manual (PDF Only)		
			L-E	L-E	68009515001	MOTOTRBO XPR 5000 Series Mobile Basic Service Manual		\$30.00
			L-E	L-E	6880309712	MOTOTRBO System Planner		\$30.00
					6880309721	MOTOTRBO Mobile Basic Service Manual		\$30.00
					6880309722	MOTOTRBO Mobile Detailed Service Manual		\$50.00
			L-E	L-E	6880309723	MOTOTRBO Mobile Installation Guide		\$20.00
					HKLN4234	Mobile User Guide CD Kit (Includes User Guides in English and French Canadian)		\$10.00
						<b>Wireless Accessories:</b>		
	L	L	L-E	L-E	25012022001	Power Supply for Dual Unit Charger		\$27.62
	L	L	L-E	L-E	AARLN4885	Receive-Only Earbud		\$27.81
	L	L	L-E	L-E	HLN5391	Hang Up Clip, required for vehicular charger		Jim
			L-E	L-E	NNTN8125	Operations Critical Wireless Earpiece with 12" cable		\$258.12
			L-E	L-E	NNTN8127	Wireless Push-to-Talk Pod with power supply (Not compatible with SMARTNET/Privacy Plus, Connect Plus, or LTR/PassPort modes of operation)		\$140.00
			L-E	L-E	NNTN8294	Operations Critical Wireless Earbud with 11.4" cable, inline mic, BLACK. Optimized to work with the Intelligent Audio feature. Must be ordered with NNTN8127 wireless PTT Pod		\$43.20
			L-E	L-E	NNTN8295	Operations Critical Wireless Earbud with 45.7" cable, inline mic, BLACK. Optimized to work with the Intelligent Audio feature. Must be ordered with NNTN8127 wireless PTT Pod		\$43.20
			L-E	L-E	NNTN8299	Replacement Eartips		\$3.40
			L-E	L-E	NNTN8361	Replacement ear tips kit for wireless ear buds (20 Small, 20 Medium, 20 Large and 10 clips)		\$31.86
			L-E	L-E	NTN2572	Replacement Wireless Earpiece, 12" cable		\$168.48
			L-E	L-E	NTN2575	Replacement Wireless Earpiece, 9.5" cable		\$156.00
			L-E	L-E	NTN8821	Wireless Earpiece Maintenance Kit with 10 silicone ear tubes, 10 microphone seal strips and 2 foam windscreens for comfort earpiece		\$49.68
			L-E	L-E	NTN8988	Ear strap for comfort earpiece (pack of 10)		\$18.63
			L-E	L-E	PMLN6246	Swivel clip for Operations Critical and Enhanced Operations Critical Wireless pods		\$4.86
	L	L			PMLN7120	Replacement Dual Unit Charger		\$70.20
	L	L			PMLN6716	Vehicular Travel Charger		\$77.76
	L	L			PMLN6743	Replacement Swivel Clip for Long Range Wireless RSM		\$2.70
			L-E	L-E	PMLN7052	Operations Critical Wireless 1-Wire Surveillance kit with translucent tube		\$56.16
			L-E	L-E	PMLN7203	Flexible Fit Swivel Earpiece with Boom		\$44.28
			L-E	L-E	PMMN4097	Replacement Mobile Microphone with Bluetooth Gateway		\$232.20
			L-E	L-E	PMNN4461	Replacement Battery Li-Ion 1800T		\$68.25
			L-E	L-E	RLN4941_XL	Receive-Only Earpiece with Comfort Eartube		\$91.80
			L-E	L-E	RLN5037	Eartube for comfort earpiece (pack of 10)		\$40.00
			L-E	L-E	RLN6500	Bluetooth Accessory Kit with NA Power Supply		\$106.92
	L	L	L-E	L-E	RLN6544	Replacement Long Range Wireless RSM with Battery and Clip		\$270.00
			L-E	L-E	RLN6550	Wireless Earpiece, Bluetooth Accessory Kit Multi (Pack of 3 PMLN6397)		\$106.92
	L	L	L-E	L-E	RLN6551	Long Range Wireless RSM with Mobile Mic Bluetooth Gateway & Vehicular Charger. Not compatible with Connect Plus mode of operation		\$540.00
	L	L	L-E	L-E	RLN6552	Long Range Wireless RSM with Mobile Mic Bluetooth Gateway, No Charger, Not compatible with Connect Plus mode of operation		\$423.36
			L-E	L-E	RLN6556	Bluetooth Accessory Kit with flexible earpiece, Bluetooth pod, and charging cradle with power supply		\$106.92

\* These audio accessories have been optimized to work with the Intelligent Audio feature in XPR 5000/5000e series

## US VERSION

### ANNOUNCING FOUR CHANNEL FUNCTIONALITY

As of December 1, 2020, all Desksets/RGU's will ship standard with the Four Channel Feature (R2.4). This will allow a deskset user to connect to and monitor up to four radios at one time. The current and prior versions of the MCD 5000 Deskset only supported the connection of one radio. If a customer would like to upgrade deployed units with the Four Channel feature, they will need to purchase the Four Channel License/Software. See step 6 for ordering instructions.

### RESELLER PRICES

The MCD 5000 Deskset System is a powerful and easy-to-deploy VoIP solution which can now connect to your MOTOTRBO system. You can now reach all of your field personnel using MOTOTRBO from the MCD 5000 Deskset. Ideal for dispatch environments, back-up sites, alternate locations, special events and call monitoring. Scalable from small operations to complex control centers and geographically disbursed operations. The system is easy to use allowing timely and efficient management of your radio communications. With IP technology, you have the flexibility to quickly install desksets where you need them using your IP network infrastructure. You can easily expand communication capabilities throughout your organization for increased safety, awareness and coordination.

## GENERAL INFORMATION:

### SIMPLE AND FLEXIBLE

The MCD 5000 Deskset connects over your IP network to MCD 5000 Radio Gateway Units (RGUs), each of which supports up to four Motorola radios. The inherent flexibility of this solution allows you to tailor configurations from a single deskset and a single radio to multiple desksets and multiple radios. Further increasing your capabilities, the MCD 5000 Deskset allows deskset users to dynamically switch between MCD 5000 RGUs.

Flexible communication options allow the use of the handset, Push-To-Talk (PTT) switch and built-in condenser microphone, or headset, footswitch and desk microphone accessories.

### THE INCREASED FUNCTIONALITY OF MOTOTR

Combine the cost-effective and adaptable MCD 5000 Deskset System with MOTOTRBO digital two way communications for increased clarity, capacity and efficiency. The MCD 5000 Deskset System supports MOTOTRBO IP Site Connect, MOTOTRBO Capacity Plus, MOTOTRBO Linked Capacity Plus, MOTOTRBO Connect Plus and MOTOTRBO Capacity Max systems.

The MOTOTRBO digital platform rejects static and noise so communication is clearer over a far wider area than analog. Data applications also run more efficiently, creating an optimal environment for field personnel.

The MCD 5000 Deskset System and MOTOTRBO together create an ideal solution for corporation and university campuses, hotel complexes, hospitals, utilities and any remote field office and command centers that need broad, flexible and affordable communications.

### CONFIGURATION AND REPORTING TOOLS

Provide timely support and save travel time when you remotely access your system to configure and troubleshoot the MCD 5000 Deskset and RGU using the MCD 5000 Deskset System Configuration Tool (CT) application. You can also run reports and perform queries for information you need to make real-time decisions.

Supervisor reporting tools allow monitoring of each MCD 5000 Deskset System devices (MCD 5000 Deskset/MCD 5000 RGU) to enhance training and operational efficiencies.

### RADIO EMULATION & CONTROL

The MCD 5000 Deskset emulates the buttons and display of the connected MOTOTRBO radio and performs all the functions of the radio control head.

There are also soft keys that can be customized to the unique needs of installations and users for quick control of the standard functions of each radio. For increased security, user profiles can establish which radio resources are allowed to be seen and accessed.

Radio features capable from the Deskset vary from simple 'talk and listen' to Virtual Control Head access to functions of the 2-way radio (PTT IDs, Emergencies, Call Alerts and other advanced signaling for Motorola radios).

An activity log on each MCD 5000 Deskset displays the last operations performed by the user as well as received transmissions.

### FEATURES SUPPORTED

--Emergency Alarm and Call	--Talk, Listen
--Channel Steer/Talk Group Select	--PTT Alias ID
--Private, Group and All Call	--Scan
--Voice and Emergency Interrupt	--Keypad Texting

## COMPONENTS

The MCD 5000 Deskset System consists of the following components:

**MCD 5000 DESKSET** - IP-based deskset that provides dispatch capability when connected to a radio. Each MCD 5000 Deskset can connect to and monitor radios at a time.

**DESKSET AUDIO ACCESSORIES (optional)** – each MCD 5000 Deskset is capable of supporting one Desktop Paddle Microphone or one Headset Jack a Push-To-Talk (PTT) Foot Switch.

**MCD 5000 RADIO GATEWAY UNIT (RGU)** – is used to connect radios to the MCD 5000 Deskset System. Each MCD 5000 RGU can interface up to 4 radios to the MCD 5000 Deskset System IP network. A MCD 5000 Deskset user can create a talkpath over the IP network to a radio resource connected to the MCD 5000 RGU. The MCD 5000 Deskset can connect to and monitor up to four radios at a time.

**IP NETWORK** –can be deployable on customer's existing WAN/LAN IP Network or on a dedicated IP network for the deskset system.

**TWO-WAY RADIO DEVICES** – MOTOTRBO XPR5550e Control Station are used with the MCD 5000 Deskset to provide access to the customer's Land Mobile radio (LMR) system.

**CONFIGURATION TOOL (CT) APPLICATION** – used to configure all parameters and settings on the MCD 5000 Deskset and MCD 5000 RGU. The CT Application is located remotely anywhere on the IP network or locally using Ethernet connection. The CT Client PC runs on Microsoft Windows® 7 (64-bit) or Windows 10 Pro (64-bit) or Windows 10 IoT Enterprise LTSB 2015/2016 (64-bit) OS.



#### RESOURCES:

- MCD 5000 Deskset System manuals can be found on MOL - <https://motonline.mot-solutions.com>  
Resource Center/Software/Two-Way/Dispatch Console/MCD 5000 Deskset System

#### STEP 1: ORDER THE MCD 5000 DESKSET

MCD 5000 Deskset is a desktop console that provides digital control to a variety of Motorola radios. The MCD 5000 Deskset may connect directly to a radio or it may connect to up to four selected radios over an IP network via the MCD 5000 Radio Gateway Unit (RGU). Through the digital control link the MCD 5000 Deskset emulates the control head of the radio allowing the deskset to perform all the functions that can be performed using the radio control head.

##### Below are the ordering instructions:

1. Order the MCD 5000 Deskset Hardware (F2380) - Required

**NOTE: Starting in R2.5 (March 17, 2021) the Deskset is no longer shipping with a CD that contains the manuals. We moved the manuals to an online process which requires the customer to order a separate model for access to this information (at zero cost). It is important that you remember to add this new model... see step 2.**

2. Order the MCD 5000 Documentation (HKVN4865A). Required but at zero cost. The customer will need to provide an e-mail to allow the user to access the on-line documentation via the Flexera Download tool.

3. Order a MCD 5000 Deskset Power Supply for each MCD 5000 Deskset (FHN7469A) - Required

4. Order an ETHERNET CABLE (FKN8695) for each MCD 5000 Deskset to connect to LAN Switch - Required. Available through MSI or may be customer provided.  
-- Ethernet Cable 10' with Red and Black (FKN8695)

5. Dependent on Deskset Configuration - Order RADIO INTERFACE CABLE to connect radio to deskset directly if not using a MCD 5000 RGU.  
-- FKN0012 - Cable - MCD 5000 to MOTOTRBO XPR5550e Control Station

#### STEP 2: ORDER MCD 5000 DESKSET ACCESSORIES - OPTIONAL

The MCD 5000 Deskset ships standard with a built-in condenser microphone, an internal front panel speaker, and a K-style handset with a Push-To-Talk (PTT) button.

In addition, the following **OPTIONAL** MCD 5000 Deskset accessories are also available for order

MCD 5000 Deskset Wall Mount Kit (FHN7394) - Max of 1 per deskset

PTT Footswitch (BLN6732B) - Max of 1 per deskset

Desktop Paddle Microphone (RMN5068) OR MCD 5000 Headset Jackbox (FHN7470) - Max of 1 per deskset

Local Logging Cable (FKN8696) to connect a generic analog voice logger to deskset - Max of 1 per deskset

VIP Cable (FKN8697) - Max of 1 per deskset

NOTE: The Desktop Paddle Microphone and Headset cannot be used simultaneously since they use the same connector on the MCD 5000 Deskset.

##### Below are the ordering instructions:

1. Order a MCD 5000 Deskset Wall Mount Kit (FHN7394) for each MCD 5000 Deskset - Optional

2. Order a PTT Footswitch (BLN6732B) for each MCD 5000 Deskset - Optional

NOTE: Each MCD 5000 Deskset can support up one PTT footswitch. The PTT footswitch provides two foot pedals in a rugged, metal housing with a 7 foot cable. One pedal is used for the general transmit feature while the other pedal is used for the monitor feature.

3. Order a Desktop Paddle Microphone (RMN5068) for each MCD 5000 Deskset - Optional

NOTE: Desktop Paddle Microphone and Headset cannot be used simultaneously since they use the same connector on the MCD 5000 Deskset.

4. Order a Headset for each MCD 5000 Deskset - Optional

- A headset may be used with the MCD 5000 Deskset to allow the deskset user to listen to receive audio and to talk on the radio channel. The MCD 5000 Deskset supports one headset per deskset. The headset must be connected to a MCD 5000 Deskset Headset Jackbox (FHN7470).

- A headset consists of two parts, a base and a top

- The Headset Base consists of an amplifier unit with volume control, an optional PTT switch, a connector for connecting to the headset jack, a clip for attaching the amplifier to the user's clothing and either a 15 or 25 foot cable for connecting to the jack.

- The Headset Top consists of an earpiece, a microphone, a cable for connecting to the bottom section and a clip for attaching the cable to the user's clothing.

To use a headset with the MCD 5000 Deskset the following **MUST** be ordered per deskset:

Order MCD 5000 Headset Jackbox Hardware (FHN7470)

Order Headset Base - choose base (RLN6098 - Headset Base with PTT switch, 15' CBL) OR (RLN6099A - Headset Base with PTT Switch, 25' CBL)

Order Headset Top - several to choose from - see below:

RMN5150A - EncorePro 510 Over-the-Head Monaural Noise Canceling Headset

RMN5151A - EncorePro 520 Over-the-Head Binaural Noise-Canceling Headset

5. Order a MCD 5000 Logger Cable (FKN8696) for each MCD 5000 Deskset - Optional

NOTE: The MCD 5000 Deskset contains a local 4W-E&M logging output with the ability to connect a generic external voice logger directly to the MCD 5000 Deskset.

6. Order a MCD 5000 VIP Cable (FKN8697) for each MCD 5000 Deskset - Optional

### STEP 3: ORDER MCD 5000 RADIO GATEWAY UNITS (RGUs)

MCD 5000 RGU is used to connect radios to the MCD 5000 Deskset System. Each MCD 5000 RGU can interface up to 4 radios to the MCD 5000 Deskset System IP network. A MCD 5000 Deskset user can create a talkpath over the IP network to a radio resource connected to the MCD 5000 RGU. The MCD 5000 Deskset can connect to and monitor up to four radio's at a time.

#### Below are the ordering instructions:

1. Order the MCD 5000 RGU Hardware (F7879B) - Required
2. Order a MCD 5000 RGU Power Supply for each MCD 5000 RGU (FHN7469A) - Required
3. Order an ETHERNET CABLE for each MCD 5000 RGU to connect to LAN Switch - Required (Available thru MSI or may be customer provided)  
-- Ethernet Cable 10' with Red and Black (FKN8695)
4. Order the RADIO INTERFACE CABLE for each radio connected to each MCD 5000 RGU (each RGU can connect up to 4 radios) - Required  
-- Cable - MCD 5000 RGU to MOTOTRBO XPR5550e Control Station (FKN0012)
5. Order a RGU RACKMOUNT SHELF (FTN7490) - Optional. Each rackmount can fit up to 2 RGU's.

### STEP 4: ORDER THE CONFIGURATION TOOL (CT) APPLICATION CD

The Configuration Tool (CT) application is a Windows based utility, used to configure all parameters and settings on the MCD 5000 Deskset and MCD 5000 RGU. The CT can be located remotely anywhere on the IP network or locally using Ethernet connection. ONE required per system.

#### Below are the ordering instructions:

1. Order the Configuration Tool (CT) Application CD - ONE REQUIRED per System: HKVN4861A
2. Order a Configuration Tool (CT) Workstation - TT3903A (Z2 Mini-Win 10) - Required
3. Order a DVD Drive for the Z2 Mini Workstation - DSF2B56AA (USB EXTERNAL DVD DRIVE FOR Z2 MINI) - Optional
4. Order a Monitor for the Z2 Mini Workstation - DSTG191B (TECH GLOBAL EVOLUTION SERIES 19 INCH NON TOUCH) - Optional

NOTE: CT Application (HKVN4861A) can be installed on a technician PC and doesn't need to be connected to the MCD 5000 Deskset System at all times.

#### IMPORTANT NOTE:

Information Assurance (OS Hardening) is orderable for the Z2 Mini Workstation if requested by the customer. OS Hardening removes nonessential tools and utilities from the Windows Operating System, which could be used to help an attacker gain unauthorized access to system settings or data. The hardening process includes several hardening measures, such as closing unused ports, defining password according to definite password rules, and provide limited users privileges.

If IA (OS Hardening) is required, then the CT workstation, TT3903A, MUST be supplied from Motorola along with OS Hardening CD - FVN5956. In addition, if the CT Workstation is purchased from Motorola, then order McAfee Windows Anti-Virus Client to install on the workstation - T7885.

If IA OS Hardening is NOT a customer requirement --- below are the CT Application PC requirements for supplying own PC:

Processor: Intel Xeon E5-1603, 2.8 GHz 1066MHz memory Quad Core

System Memory: 4 GB

Free Space on Hard Disk: 10 GB

Network Adapter with LAN 10/100 Mbps

Screen Resolution: 1024 x 768

Operating System: Microsoft Windows 7 Professional SP 1 (64-bit) OR Windows 10 Professional (64-bit) OR Windows 10 IoT Enterprise LTSB 2015/2016 (64-bit)

### STEP 5: ORDER SPARES / FIELD REPLACEMENT UNITS (FRUs) - OPTION/

FHN7290AS - FRU: K-Style Handset (includes coiled cable) for the MCD 5000 Deskset

FHN7394AS - MCD 5000 Deskset Wall Mount K

FKN8696AS - Cable - MCD 5000 Deskset to Log

FHN7470AS - MCD 5000 Headset Jackbox & Ca

FKN8694AS - Cable - MCD 5000 Deskset to Headset Jackbox

FHN7469AS - MCD 5000 Deskset / RGU Power Supply with USA Power Cord

FKN8695AS - Ethernet Cable 10'

FKN8704AS - Cable - MCD 5000 RGU Ground Cable

FKN0012A - Cable - MCD 5000 RGU to MOTOTRBO XPR5550e Control Station

DSF2B56AA - External DVD Drive for the Z2 Mini Workstation

DSY7B61AA - Vesa Mounting Sleeve for the Z2 Mini Workstation

### STEP 6: ORDER FOUR CHANNEL UPGRADE FOR DEPLOYED UNITS

On December 1, 2020, the Four Channel Feature was integrated into the MCD5000 Deskset System (R2.4). This allows a Deskset user to connect to and monitor up to 4 radios at one time. This Four Channel Feature now comes standard with all Desksets. If a customer wants this feature in deployed units, they will need to purchase the Four Channel License/Software per units needing upgrading.

#### Below are the ordering instructions for the Four Channel Upgrade:

1. Order the MCD 5000 Licensing model for the type of MCD 5000 system configuration deployed. Enter Qty = number of desksets needing the Four Channel Support feature  
Option: **HKVN4859A**: Four Channel Support for OMC System  
Option: **HKVN4860A**: Four Channel Support for Non-OMC System

2. Enter Email address to receive the License and access to the FW and Configuration Tool SW needed to complete the upgrade.

CONFIGURATION		
<b>MODELS</b>		<b>MSRP</b>
F2380A	MCD 5000 DESKSET	\$2,275.00
HKVN4865A	LICENSE,CD, MCD 5000 DOCUMENTATION	\$0.00
F7879B	SM, RADIO GATEWAY UNIT (RGI)	\$2,275.00
TT3903A	Z2 MINI WORKSTATION 258G 8G NON RET	\$2,500.00
DSF2B56AA	USB EXTERNAL DVD DRIVE FOR Z2 MINI	\$172.00
DSTG191B	TECH GLOBAL EVOLUTION SERIES 19INCH NON TOUCH	\$1,398.00
<b>CABLES</b>		<b>MSRP</b>
FKN8695AS	ETHERNET CABLE 10' WITH RED & BLACK LABELS	\$47.00
FKN0012A	CABLE RGU TO MOTOTRBO (XPR 5550e)	\$100.00
<b>POWER SUPPLY</b>		<b>MSRP</b>
FHN7469A	MCD 5000 DESKSET / RGU POWER SUPPLY WITH USA POWER C	\$106.20
<b>SOFTWARE APPLICATION</b>		<b>MSRP</b>
HKVN4861A	MCD 5000 DESKSET SYSTEM CONFIG TOOL	\$250.00
<b>DESKSET ACCESSORIES</b>		<b>MSRP</b>
FHN7394A	MCD 5000 DESKSET WALL MOUNT KIT	\$50.00
FHN7470A	MCD 5000 DESKSET HEADSET JACK BOX & CABLE	\$301.65
FKN8696A	CABLE - MCD 5000 DESKSET TO LOGGER	\$75.16
FKN8697A	CABLE - MCD 5000 DESKSET TO VIP (R2.0)	\$40.00
FTN7490	MCD 5000 DESKSET RGU RACK MOUNT PANEL PLUS SCREWS	\$200.00
DSY7B61AA	HP Z2 MINI ARM WALL VESA MOUNT	\$77.00
RMN5068A	DESKTOP MIC	\$120.00
BLN6732B	FOOT, SWITCH TRADITIONAL	\$135.00
RLN6098A	HDST MODULE BASE W/PTT, 15' CBL	\$210.00
RLN6099A	HDST MODULE BASE W/PTT, 25' CBL	\$242.00
RMN5150A	ENCOREPRO 510 OVER-THE-HEAD MONAURAL NOISE CANCELING HEADSET	\$149.00
RMN5151A	ENCOREPRO 520 OVER-THE-HEAD BINAURAL NOISE CANCELING HEADSET	\$156.00
<b>INFORMATION ASSURANCE</b>		<b>MSRP</b>
FVN5956A	MCD 5000 WINDOWS SUPPLEMENTAL	\$50.00
T7885A	MCAFFEE WINDOWS AV CLIENT	\$165.00
<b>FIELD REPLACEMENT UNITS</b>		<b>MSRP</b>
FHN7290A	FRU: K-STYLE HANDET (INCLUDES COLIED CABLE) FOR MCD 5000 DESKSET	\$93.71
FKN8694A	FRU: CABLE - MCD 5000 DESKSET TO HEADSET JACK BOX	\$83.34
FKN8704A	FRU: CABLE - MCD 5000 DESKSET RGU GROUND CABLE	\$62.51
<b>FOUR CHANNEL UPGRADE</b>		<b>MSRP</b>
HKVN4859A	MCD 5000 LICENSING-FOUR CHANNEL SUPPORT FOR OMC SYS	\$500.00
HKVN4860A	MCD 5000 LICENSING-FOUR CHANNEL SUPPORT FOR NON-OMC SYSTEM	\$500.00

# US VERSION

# SLR 8000 REPEATERS 12.5 kHz

## RESELLER PRICES

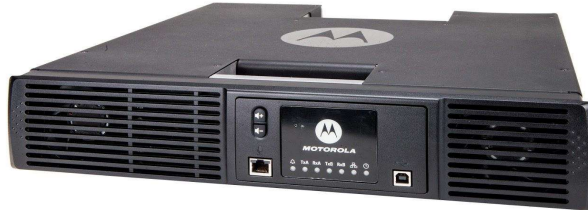
*\*Prices Have Been Updated According to the 1/15/2022 Price Increase\**

Each SLR 8000 Includes:

- 120V AC Power Cord
- 5 Year Essential Repair and Software
- Quick Start Guide

### Features:

- 1-100W transmit power
- Integrated 5A battery charger
- Supports Two Simultaneous Voice Paths in Digital TDMA A
- Operates in Analog or Digital Mode
- Supports all MOTOTRBO system architectures
- Remote Diagnostics Alarms and Controls (RDAC)
- 100% Continuous Duty Cycle
- Internal Power Supply
- Rack Mountable
- Automated Battery Back-up (Battery sold separately)



\*Please also see the list of available Premium Software fe:

MODEL NUMBER	PWR	DESCRIPTION	
T8319	1-100W	SLR 8000 Base Radio	\$4,931.00

FCC INFORMATION: UHF: ABZ99FT4098, VHF: ABZ99FT3095, 8/900 MHz: ABZ99FT5101

You must specify a Transmit (TX) and Receive (RX) frequency at time of order. Please see the SLR 8000 ordering guide available on

[https://businessonline.motorolasolutions.com/DOCS/US/ProductInformation\\_Manuals\\_Two-WayBaseStations-Repeaters\\_SLR8000/SLR%208000%20US%20Ordering%20Guide%20MOL.pdf](https://businessonline.motorolasolutions.com/DOCS/US/ProductInformation_Manuals_Two-WayBaseStations-Repeaters_SLR8000/SLR%208000%20US%20Ordering%20Guide%20MOL.pdf)

### REQUIRED

SELECT FREQUENCY OPTION:	DESCRIPTION	MSRP
CA02965AA	ADD: VHF (136-174 MHz)	\$4,551.00
CA02962AA	ADD: UHF1 (400-470 MHz)	\$4,551.00
CA03385AA	ADD: 800 MHz	\$4,804.00
CA03414AA	ADD: 900 MHz	\$4,804.00

### OPTIONAL

OPTIONAL CONFIGURATIONS:	DESCRIPTION	MSRP
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The following configuration steps are optional. Select those you are interested in receiving.

#### Duplexer - If a duplexer is ordered, you MUST order a preselector

CA02984AA	ADD : DUPLEXER, UHF (403-435MHz)	\$1,511.00
CA02985AA	ADD : DUPLEXER, UHF (435-470MHz)	\$1,511.00
CA02981AA	ADD : DUPLEXER, VHF (136-146 MHz)	\$1,511.00
CA02982AA	ADD : DUPLEXER, VHF (144-160 MHz)	\$1,511.00
CA02983AA	ADD : DUPLEXER, VHF (158-174 MHz)	\$1,511.00
CA03386AA	ADD: DUPLEXER, 800 MHz	\$1,511.00

#### Preselector - If a duplexer is ordered, you MUST order a preselector

CA02989AA	ADD: PRESELECTOR, UHF (350-470MHZ)	\$548.00
CA02986AA	ADD: PRESELECTOR, VHF (136-154MHZ)	\$548.00
CA02987AA	ADD: PRESELECTOR, VHF (150-174MHZ)	\$548.00

#### External Circulator - If an external circulator is ordered, you MUST also order wireline

CA02991AA	ADD: CIRCULATOR, UHF (403-470 MHz)	\$1,643.00
CA02992AA	ADD: CIRCULATOR, VHF (136-146 MHz)	\$1,643.00
CA02993AA	ADD: CIRCULATOR VHF (144-160MHz)	\$1,643.00
CA02994AA	ADD: CIRCULATOR VHF (158-174MHz)	\$1,643.00
CA03387AA	ADD: CIRCULATOR 800 MHz	\$1,095.00

#### Antenna Relay - If an antenna relay is ordered, you MUST also order the wireline

CA02995AA	ADD: ANTENNA RELAY	\$274.00
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#### Wireline - If an antenna relay, circulator or Spectra TAC has been ordered, you MUST also order the wireline

CA02996AA	ADD: WIRELINE	\$438.00
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#### Power Cable - US AC power cord is included in the standard package, the below options will replace the US standard power cord

CA02968AA	ADD : POWER CABLE, EUROPE	N/C
CA02969AA	ADD : POWER CABLE, UK	N/C
CA02970AA	ADD: POWER CABLE, AUSTRALIA	N/C
CA02972AA	ADD: POWER CABLE BRAZIL	N/C

**DC Power Cable**

CA02971AA	ADD : POWER CABLE, DC	\$27.00
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**Interface Cables**

CA02977AA	ADD: AUXILIARY SYSTEM CABLE	\$55.00
CA02978AA	ADD: COMMUNITY REPEATER PANEL CABLE	\$55.00
CA02979AA	ADD: ANALOG/DIGITAL PHONE PATCH CABLE	\$55.00

**Factory Test Report**

CA03040AA	ADD: SLR 8000 FACTORY TEST REPORT	N/C
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**Miscellaneous**

CA03000AA	ADD: BASE STATION OPERATION	N/C
CA03041AA	ADD: SLR 8000 BSIM CD	N/C

**Spectra TAC - If Spectra TAC is ordered, you MUST also order the wireline**

CA02999AA	ENH: SPECTRA TAC	\$164.00
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For technical training on Motorola products, please visit:

<https://learning.motorolasolutions.com/>

**US VERSION****SLR 8000  
REPEATER  
ACCESSORIES****RESELLER PRICES**

MODEL NUMBER	DESCRIPTION	MSRP
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**Premium System Software:**

Use the part numbers below to purchase Premium Software feature Entitlement ID's (EID) for the SLR 8000 repeaters. You will receive the EID via an e-mail. Use the MOTOTRBO CPS/RM to register the serial number and activate the specific feature in the firmware of the desired unit. Internet connection is required during the registration, but the activation can be done offline. Premium system The SLR 800 repeaters contain an integrated Chassis ID module which retains the MOTOTRBO Premium Software features that were

(NEW PURCHASES)	SLR 8000
Enhanced GPS	5 Years
Digital Voting	5 Years
Dynamic Mixed Mode	5 Years
IP Repeater Programming	5 Years

HKLN4439*	Capacity Plus Single Site Digital Trunking	\$2,108.00
HKVN4112*	Linked Capacity Plus Upgrade from Capacity Plus -	\$4,216.00
HKVN4110*	Linked Capacity Plus New System Deployment -	\$6,321.00
HKVN4324*	Capacity Max Repeater License	\$7,585.00
HKVN4243**	Digital Voting Operation	\$1,581.00
HKLN4442	RDAC Multiple System Monitoring Upgrade License	\$250.00
HKVN4044	Dynamic Mixed Mode Upgrade License (Analog & Digital Automatic Call Switching)	\$316.00
HKVN4055**	Enhanced Scheduled GPS License	\$948.00
HKVN4178*	Restricted Access to System Security	\$0.00
HKVN4047	IP Repeater Programming and Upgrade License Activate in the MOTOTRBO CPS 6.0 or later. Once activated, CPS can connect to an unlimited number of repeaters, one at a time.	\$289.00
HKVN4066**	Digital Telephone Interconnect Upgrade	\$738.00
HKVN4366A	Digital Local Audio	\$316.00
HKVN4208*	Data Network Application Interface (IP Wireline Data Gateway)	\$948.00
HKVN4209*	Voice Network Application Interface (IP Wireline Voice Gateway) for use with AVTEC SCOUT and WAV	\$316.00

\* These System level options must be used to enable the corresponding feature in All Repeaters in the Radio system: both voice and data revert.

\*\* These software options are to be enabled only in the Repeaters that will support the specific feature (e.g. Enhanced GPS in the Data Revert Repeaters and

Telephone Interconnect in the voice Repeater that is connected to the phone patch box and Digital Voting Only in the Voting Repeater).

**Service, Programming Accessories and Cables:**

	For MOTOTRBO CPS/RM model/pricing please click the link below: <a href="https://docs.google.com/spreadsheets/d/1fXphrmVGAsO90UhN-">https://docs.google.com/spreadsheets/d/1fXphrmVGAsO90UhN-</a>	
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30009477001	Repeater Programming Cable (USB A TO USB B)	Call for Pricing
PMKN4166	Test Cable (for test box and external speaker)	Call for Pricing

RLN4460	Test Box for Portables and Mobiles	Call for Pricing
GMMN4063	Service Mic	Call for Pricing
3082933N08	120V AC Line Cord	Call for Pricing
PMKN4167	Battery Back-up Cable	Call for Pricing

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**Network Devices:**

DSJG411AABA	HP MSR2003 AC ROUTER	\$767.00
DSHPJ9782A	HP Procurve 2530-24 Ethernet Switch (Available to order via MOL only)	\$356.00

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**Infrastructure Repair:**

Infrastructure Repair service covers all Motorola-manufactured equipment, as well as equipment from select third-party infrastructure vendors when applicable. Factory trained and certified technicians troubleshoot, analyze, test, and repair your equipment at Motorola's Infrastructure Depot Operations (IDO). Upon completion, the repaired unit will be shipped via normal shipping methods. Motorola will pay for outbound shipping via Motorola's normal shipping methods. For more information, contact your Motorola representative or your Motorola Customer Support Manager.

Infrastructure Repair

<http://ecat.comm.mot.com/ecat/pricebooks/dup/infrep2.htm>

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**Infrastructure Repair with Advanced Replacement:**

Infrastructure Repair with Advanced Replacement service covers all Motorola-manufactured equipment, as well as equipment from select third-party infrastructure vendors when applicable. Factory trained and certified technicians troubleshoot, analyze, test, and repair your equipment at Motorola's Infrastructure Depot Operations (IDO). When available, Motorola will provide Customer with an Advanced Replacement unit(s) or FRU(s) in exchange for Customer's malfunctioning FRU(s). Non-standard configurations, Customer-modified Infrastructure and certain third party Infrastructure are excluded from Advanced Replacement service. Malfunctioning FRU (s) will be evaluated and repaired by IDO and returned to IDO FRU inventory upon completion of repair. Motorola will pay the inbound shipping charges only with use of the Motorola's designated delivery service. Motorola will also pay for outbound shipping via Motorola's normal shipping methods.

Infrastructure Repair with Advanced Replacement

<http://ecat.comm.mot.com/ecat/pricebooks/dup/infrep.htm>

# US VERSION

## SLR 5700 REPEATERS 12.5 kHz

### RESELLER PRICE PAGES

\*Prices Have Been Updated According to the 1/15/2022 Price Increase\*

#### Each SLR 5700 Includes:

- 120V AC Power Cord
- 5 Year Essential Repair and Software
- Quick Start Guide

#### Features:

- 1-50W transmit power
- Integrated 3A battery charger
- Supports Two Simultaneous Voice Paths in Digital TDMA Mode
- Operates in Analog or Digital Mode
- Supports all MOTOTRBO system architectures
- Remote Diagnostics Alarms and Controls (RDAC)
- 100% Continuous Duty Cycle
- Internal Power Supply
- Rack Mountable
- Wall-mount Kits Sold Separately
- Automated Battery Back-up (Battery sold separately)
- IP Site Connect (Digital Mode Only)



#### Frequencies Not Allowed for SLR 5700:

N/A - there are no self quieting frequencies on the SLR5700 models

#### Frequencies Not Allowed for SLR 5700:

N/A - there are no self quieting frequencies on the SLR5700 models

\*Please also see the list of available Premium Software feature options below which must be purchased in addition to the repeater.

BAND SPLIT	BAND	PWR	CHAN	CATALOG MODEL	MSRP
136-174 MHz	VHF	1-50W	1	AAR10JCGANQ1AN	\$3,919.00
403-470 MHz	UHF	1-50W	1	AAR10QCGANQ1AN	\$4,045.00
450-512 MHz	UHF2	1-50W	1	AAR10TCGANQ1AN	\$4,045.00

FCC INFORMATION: UHF: ABZ99FT4096, VHF: ABZ99FT3094, UHF2: ABZ99FT4097

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<https://learning.motorolasolutions.com/>

# US VERSION

## SLR 5700 REPEATER ACCESSORIES

### RESELLER PRICE PAGES

MODEL NUMBER	DESCRIPTION	MSRP
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#### Premium System Software:

Use the part numbers below to purchase Premium Software feature Entitlement ID's (EID) for the SLR 5700 repeaters. You will receive the EID via an e-mail. Use the MOTOTRBO CPS/RM to register the serial number and activate the specific feature in the firmware of the desired unit. Internet connection is required during the registration, but the activation can be done offline. Premium system software part numbers for the SLR 5700 are the same as the XPR8400 series.

Premium software features included in Essential SW & Repair Services	SLR 5700
Enhanced GPS	5 Years
Digital Voting	5 Years
Dynamic Mixed Mode	5 Years
IP Repeater Programming	5 Years

HKLN4427*	Capacity Plus Single Site Digital Trunking	\$2,108.00
HKVN4089*	Linked Capacity Plus Upgrade from Capacity Plus -	\$4,216.00
HKVN4099*	Linked Capacity Plus New System Deployment -	\$6,321.00
HKVN4324*	Capacity Max Repeater License	\$7,585.00
HKVN4242**	Digital Voting Operation	\$1,581.00
HKLN4442	RDAC Multiple System Monitoring Upgrade License	\$250.00
HKLN4456	Dynamic Mixed Mode Upgrade License (Analog & Digital Automatic Call Switching)	\$316.00
HKVN4048**	Enhanced Scheduled GPS License	\$948.00
HKVN4177*	Restricted Access to System Security	\$0.00
HKVN4047	IP Repeater Programming and Upgrade License	\$289.00
	Activate in the MOTOTRBO CPS 6.0 or later. Once activated, CPS can connect to an unlimited number of repeaters, one at a time.	
HKVN4049**	Digital Telephone Interconnect Upgrade	\$738.00
HKVN4205*	Data Network Application Interface (IP Wireline Data Gateway)	\$948.00
HKVN4206*	Voice Network Application Interface (IP Wireline Voice Gateway) for use with AVTEC SCOUT and WAVE	\$316.00
HKVN4488	Extended Range Direct Mode Operation NEW R2.7.1!!	\$506.00

\* These System level options must be used to enable the corresponding feature in All Repeaters in the Radio system: both voice and data revert.

\*\* These software options are to be enabled only in the Repeaters that will support the specific feature (e.g. Enhanced GPS in the Data Revert Repeaters and Telephone Interconnect in the voice Repeater that is connected to the phone patch box and Digital Voting Only in the Voting Repeater).

Crescent Power Amplifiers: *** Available to order via MOL only *** Frequency is required at time of order		
DSP1020MOVCS	P10 SERIES Amplifier, 136-174MHZ, 20-50W Input, 100W Output, 23A Current Draw Replacement for RDD5565A, RDD5563A, RDD5548A, RDD5564A. Requires DSRM50M or DSRM60M Power Supply	\$1,670.00
DSP1020MOUCS	P10 SERIES Amplifier, 406-512MHZ, 20-50W Input, 100W Output, 23A Current Draw Replacement for RDE6067A, RDE6068A, RDE6069A, RDE6106A, RDE6105A. Requires DSRM50M or DSRM60M Power Supply	\$1,759.00
DSRM60M	RM60M Astron Power Supply, 13.8VDC, 50A Continuous, 55A ICS	\$702.00
DSRM50M	RM50M Astron Power Supply, 13.8VDC, 37A Continuous, 50A ICS	\$516.00
CDQRDN9900	DPS-30 Duracomm, Filtered Power Supply, 13.8VDC, 30A Max	\$314.00
DSP1020MOUPS	P10 SERIES, C5 Amplifier, 406-512MHZ, 20-50W Input, 100W Ooutput, 13.8DC / 110AC	\$2,458.00

Includes an integrated 110V AC Power Supply; Frequency is required at time of order

**Duplexers - All duplexers have female type "N" connectors.**

**Untuned Duplexers (for use with standard repeater) - Requires Tuning in the Field**

HFD8188	VHF Duplexer, 144-155 MHz (minimum & maximum freq. separation 4.5 MHz/6 MHz)	\$722.00
HFD8189	VHF Duplexer, 155-162 MHz (minimum & maximum freq. separation 4.5 MHz/6 MHz)	\$611.00
HFD8190	VHF Duplexer, 162-174 MHz (minimum & maximum freq. separation 4.5 MHz/6 MHz)	\$611.00
DSCP10725UNTUNED	UHF Duplexer - Untuned 406-500 MHz (N-female 4-8 MHz spacing) Pre-tuned 460 MHz (Low) and 465 MHz (High) Tuning instructions are included in the shipment and must be followed in order to keep the warranty in place	\$368.00
HFE8400	UHF Duplexer, 406-450 MHz (minimum & maximum freq. separation 5 MHz)	\$571.00
HFE8401	UHF Duplexer, 470-495 MHz (minimum & maximum freq. separation 3 MHz)	\$599.00
HFE8454	UHF Duplexer, 490-527 MHz (minimum & maximum freq. separation 3 MHz)	\$498.00

**Untuned Duplexers (for use with 100 Watt power amplifiers) - Requires Tuning in the Field**

9175300H01	VHF Duplexer (RoHS) 132-146MHz (5MHz separation RX or TX)	\$1,518.00
9175300H02	VHF Duplexer (RoHS) 144-160MHz (5MHz separation RX or TX)	\$1,556.50
9175300H03	VHF Duplexer (RoHS) 158-174MHz (5MHz separation RX or TX)	\$1,518.00
9175300H05	UHF Duplexer (RoHS) 403-435MHz (5MHz separation RX or TX)	\$2,387.00
9175300H06	UHF Duplexer (RoHS) 435-470MHz (5MHz separation RX or TX)	\$1,556.50
9175300H07	UHF Duplexer (RoHS) 470-494MHz (5MHz separation RX or TX)	\$1,518.00
9175300H08	UHF Duplexer (RoHS) 494-512MHz (5MHz separation RX or TX)	\$1,518.00

**Tuned Duplexers (for use with standard repeater) - Must Specify Frequency for Tuning**

HFD8465	VHF Duplexer, 150-160 MHz (minimum & maximum freq. separation 4.5 MHz/6 MHz)	\$611.00
DSCP10725TUNED	UHF Duplexer - Tuned 406-500 MHz (N-female 4-8 MHz spacing)	\$391.00

**Duplexer Cables - An N-Type Male to N-Type Male and N-Type Male to BNC Male cables are needed to connect the SLR 5700 to a Duplexer**

0112004B04	N - Type Male to N - Type Male 24" (to connect repeater to external duplexer or preselector)	\$124.63
0112004U04	N - Type Male to BNC Male 24" (to connect repeater to external duplexer or preselector)	\$79.20
3082081X01	Right angle N-Type Male to straight N-Type Male 30" (to connect 100W PA to external duplexer/preselector)	\$53.35

**Antennas- Contact Dealer Support Services for antennas**

**Mounting Accessories:**

PMLE5031	Wall Mount Bracket Kit	\$216.73
PMLE4548	Rack Mount Duplexer/Filter Enclosure Kit (includes mounting screws)	\$320.00

**Preselectors:**

HFD8461	VHF Preselector, 144-160 MHz	\$336.00
HFD8462	VHF Preselector, 160-174 MHz	\$336.00
HFE8459	UHF Preselector, 440-527 MHz	\$780.00

To order Preselectors TUNED, place your order through Customer Care Services at 800-422-4210.

To order Preselectors UN-TUNED, order directly through Customer Care Services. Preselectors must be mounted externally when using a SLR 5700 Repeater. All preselectors have female type "N" connector. A type "N" male to male connector is required for proper operation (0112004B04 or 0112004U04). The length of the cable depends on your application. Call Customer Care Services to find a cable for your individual application or for additional preselector options.

## US VERSION

### SLR 5700 REPEATER ACCESSORIES

**RESELLER PRICE PAGES**

MODEL NUMBER	DESCRIPTION	MSRP
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**Lightning Protection Recommendation Accessories:**

DSISB50LNC2	RF SPD, 125-1000MHZ DC BLOCK BROADBAND BULKHEAD MT, NF ANT, NF EQUIP	\$84.00
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**Coaxial Cable In-Line Arrestors:**

RRX4032	Tower Mounting Hardware for Lightning Arrestor	\$15.00
DSISB50LNC2MA	RF SPD, 125-1000MHZ DC BLOCK BROADBAND BULKHEAD MT, NM ANT, NF EQUIP	\$84.00

**Service, Programming Accessories and Cables:**

For MOTOTRBO CPS/RM model/pricing please click the link below: <a href="https://docs.google.com/spreadsheets/d/1fxphrmVGAso90Uhn-lito5_HfuaYAcxPKaAvXFntGt4/edit#gid=0">https://docs.google.com/spreadsheets/d/1fxphrmVGAso90Uhn-lito5_HfuaYAcxPKaAvXFntGt4/edit#gid=0</a>	
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30009477001	Repeater Programming Cable (USB A TO USB B)	Call for Pricing
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**Service, Programming Accessories and Cables (continued):**

PMKN4166	Test Cable (for test box and external speaker)	Call for Pricing
RLN4460	Test Box for Portables and Mobiles	Call for Pricing
HSN1006	External Speaker	Call for Pricing
GMMN4063	Service Mic	Call for Pricing
PMKN4167	Battery Back-up Cable	Call for Pricing

**Network Devices:**

DSJG411	HP MSR2003 AC ROUTER	\$767.00
DSHPJ9782A	HP Procurve 2530-24 Ethernet Switch (Available to order via MOL only)	\$356.00

**General Accessories:**

MN001436A01	MOTOTRBO SLR Repeater Basic Service and Installation Manual (PDF ONLY)	N/C
MN001443A01	MOTOTRBO SLR 5000 Series Quick Start Guide (PDF ONLY)	N/C
6880309T12	MOTOTRBO System Planner	\$30.00
3087791G01	120V AC Line Cord	\$20.00

**Infrastructure Repair:**

Infrastructure Repair service covers all Motorola-manufactured equipment, as well as equipment from select third-party infrastructure vendors when applicable. Factory trained and certified technicians troubleshoot, analyze, test, and repair your equipment at Motorola's Infrastructure Depot Operations (IDO). Upon completion, the repaired unit will be shipped via normal shipping methods. Motorola will pay for outbound shipping via Motorola's normal shipping methods. For more information, contact your Motorola representative or your Motorola Customer Support Manager.

**Infrastructure Repair**

<http://ecat.comm.mot.com/ecat/pricebooks/dup/infrep2.htm>

**Infrastructure Repair with Advanced Replacement:**

Infrastructure Repair with Advanced Replacement service covers all Motorola-manufactured equipment, as well as equipment from select third-party infrastructure vendors when applicable. Factory trained and certified technicians troubleshoot, analyze, test, and repair your equipment at Motorola's Infrastructure Depot Operations (IDO). When available, Motorola will provide Customer with an Advanced Replacement unit(s) or FRU(s) in exchange for Customer's malfunctioning FRU(s). Non-standard configurations, Customer-



modified Infrastructure and certain third party Infrastructure are excluded from Advanced Replacement service. Malfunctioning FRU (s) will be evaluated and repaired by IDO and returned to IDO FRU inventory upon completion of repair. Motorola will pay the inbound shipping charges only with use of the Motorola's designated delivery service. Motorola will also pay for outbound shipping in Motorola's normal shipping method.

[Infrastructure Repair with Advanced Replacement](http://ecat.comm.mot.com/ecat/pricebooks/dup/infrep.htm)

<http://ecat.comm.mot.com/ecat/pricebooks/dup/infrep.htm>

**US VERSION**

**SLR 1000  
REPEATERS  
12.5 kHz**

**SUGGESTED RETAIL**

**\*Prices Have Been Updated According to the 1/15/2022 Price Increase\***

Each SLR 1000 Includes:

- 12V DC Power Cord (Requires 12V power source)
- Wall Mount Bracket
- 5 Year Essential Repair and Software
- Quick Start Guide

**Features:**

- 1-10W transmit power
- IP65 Rated, UL Outdoor Part 22 (60950-22)
- Supports Two Simultaneous Voice Paths in Digital TDMA Mode
- Operates in Analog or Digital Mode
- Supports all MOTOTRBO system architectures
- Remote Diagnostics Alarms and Controls (RDAC)
- 100% Continuous Duty Cycle
- Pole Mount Kit Sold Separately
- AC Power Supply Sold Separately



**Frequencies Not Allowed for SLR 1000:**

When using an External Repeater Mounted Antenna, the following frequencies are not allowed for the SLR 1000:  
400, 403.2, 422.4, 425, 441.6, 450, 460.8, 475, 480, 499.2, 500

**\*Please also see the list of available Premium Software feature options below which must be purchased in addition to the repeater.**

**REQUIRED**

CATALOG MODEL	DESCRIPTION	BAND	MSRP
AAR11SDGANQ1AN	SLR 1000 400-512M 10W	UHF	\$3,919.00
AAR11JDDGANQ1AN	SLR 1000 136-174M 10W	VHF	\$3,919.00

FCC INFORMATION: UHF: ABZ99FT4100, VHF: ABZ99FT3096

**OPTIONAL**

OPTIONAL CONFIGURATIONS	DESCRIPTION	MSRP
<b>Untuned UHF Internal Duplexers (for use with 10 Watt SLR 1000 only) - Requires Install &amp; Tuning</b>		
GA01589AA	ADD: UHF DUPLEXER (ROHS) 410-430MHZ (5MHz separation RX or TX)	\$986.00
GA01590AA	ADD: UHF DUPLEXER (ROHS) 430-480MHZ (5MHz separation RX or TX)	\$986.00
GA01591AA	ADD: UHF DUPLEXER (ROHS) 480-527MZ (5MHz separation RX or TX)	\$986.00
<b>Untuned VHF Internal Duplexers (for use with 10 Watt SLR 1000 only) - Requires Install &amp; Tuning</b>		
GA01589AC	ADD: VHF DUPLEXER (ROHS) 136-156MHZ (5MHz separation RX or TX)	\$986.00
GA01590AC	ADD: VHF DUPLEXER (ROHS) 154-174MHZ (5MHz separation RX or TX)	\$986.00

**Internal Antenna Switch (for use with 10 Watt SLR 1000 only) - Requires Install & Configuration in the Field**

GA01592AA	ADD: ANTENNA SWITCH (FOR EXTENDED RANGE DIRECT MODE)	\$329.00
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**Please note - NOT compatible with above duplexers. This mode of operation requires a software license**

**External UHF Repeater Mounted Antenna**

GA01593AA	ADD: EXTERNAL MOUNTED ANTENNA (400-460MHZ)	\$146.00
GA01594AA	ADD: EXTERNAL MOUNTED ANTENNA (440-495MHZ)	\$146.00
GA01595AA	ADD: EXTERNAL MOUNTED ANTENNA (490-512MHZ)	\$146.00

**External VHF Repeater Mounted Antenna**

GA01593AC	ADD: EXTERNAL MOUNTED ANTENNA (136-154MHz)	\$146.00
GA01594AC	ADD: EXTERNAL MOUNTED ANTENNA (146-164MHz)	\$146.00
GA01595AC	ADD: EXTERNAL MOUNTED ANTENNA (160-174MHz)	\$146.00

Note: For use with duplexer or antenna switch. If the duplexer or antenna switch accessories are not used, external antennas are

Note: See above table for self-quieting frequencies

Note: Not recommended for areas that are susceptible to lightning

**Power Accessories:**

GA01596AA	ADD: AC POWER ADAPTOR KIT FOR INDOOR USE (INCLUDES BRACKET)	\$219.00
GA01597AA	ADD: AC POWER ADAPTOR KIT FOR OUTDOOR USE (HARD WIRE)	\$438.00

**Mounting Accessories:**

GA01598AA	ADD: POLE MOUNTING KIT	\$164.00
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Note: Fits poles 2-2.75"

**SLR 1000 REPEATER ACCESSORIES**

MODEL NUMBER	DESCRIPTION	MSRP
<b>Duplexers:</b>		
HKFE4000A	UHF Duplexer (RoHS) 410-430MHz (5MHz separation RX or TX)	\$986.00
HKFE4001A	UHF Duplexer (RoHS) 430-480MHz (5MHz separation RX or TX)	\$986.00
HKFE4002A	UHF Duplexer (RoHS) 480-527MHz (5MHz separation RX or TX)	\$986.00

<b>Antennas and Switch:</b>		
HKAE4003A	SLR 1000 External Repeater Mounted Antenna (400-460MHz)	\$146.00
HKAE4004A	SLR 1000 External Repeater Mounted Antenna (440-495MHz)	\$146.00
HKAE4005A	SLR 1000 External Repeater Mounted Antenna (490-530MHz)	\$146.00
PMLN7263A	SLR 1000 Antenna Switch for Extended Range Direct Mode Operation	\$329.00

<b>Power Accessories:</b>		
PMLN7773A	SLR 1000 AC POWER ADAPTOR FOR INDOOR APPLICATION (INCLUDES BRACKET, REQUIRES AC LINE)	\$219.00
3087791G01	POWER CORD, US PLUG	\$22.00
PMLN7771A	SLR 1000 AC POWER ADAPTOR FOR OUTDOOR APPLICATION (HARD WIRE)	\$438.00

<b>Mounting Accessories:</b>		
PMLN7213A	SLR 1000 Pole Mount Adaptor Kit (Fits poles 2-2.75")	\$164.00

Premium System Software:		SAME SOFTWARE LICENSES AS SLR 5700
Premium Software Features included in Essential SW & Repair Services		SLR 1000
Enhanced GPS		5 Years
Digital Voting		5 Years
Dynamic Mixed Mode		5 Years
IP Repeater Programming		5 Years

HKLN4427	Capacity Plus Single Site Digital Trunking	\$2,108.00
HKVN4089	Linked Capacity Plus Upgrade from Capacity Plus -	\$4,216.00
HKVN4099	Linked Capacity Plus New System Deployment -	\$6,321.00
HKVN4324	Capacity Max Repeater License	\$7,585.00
HKVN4242	Digital Voting Operation	\$1,581.00
HKLN4442	RDAC Multiple System Monitoring Upgrade License	\$250.00
HKLN4456	Dynamic Mixed Mode Upgrade License (Analog & Digital Automatic Call Switching)	\$316.00
HKVN4048**	Enhanced Scheduled GPS License	\$948.00
HKVN4177*	Restricted Access to System Security	\$0.00
HKVN4047	IP Repeater Programming and Upgrade License	\$289.00
Activate in the MOTOTRBO CPS 6.0 or later. Once activated, the CPS can connect to an unlimited number of repeaters, one at a time.		
HKVN4049**	Digital Telephone Interconnect Upgrade	\$738.00
HKVN4205*	Data Network Application Interface (IP Wireline Data Gateway)	\$948.00
HKVN4206*	Voice Network Application Interface (IP Wireline Voice Gateway) for use with AVTEC SCOUT and V	\$316.00
HKVN4488	Extended Range Direct Mode Operation	\$506.00

\* These System level options must be used to enable the corresponding feature in All Repeaters in the Radio system: both voice and data revert.

\*\* These software options are to be enabled only in the Repeaters that will support the specific feature (e.g. Enhanced GPS in the Data Revert Repeaters and Telephone Interconnect in the voice Repeater that is connected to the phone patch box and Digital Voting Only in the Voting Repeater).

Service, Programming Accessories and Cables: (SAME CPS/PROGRAMMING CABLE AS SLR 5700 - NEW TEST CABLE ADAPTER)		
	For MOTOTRBO CPS/RM model/pricing please click the link below: <a href="https://docs.google.com/spreadsheets/d/1fXphrmVGAsO90UjN-1k5-UF-3M-PLA-1VFN6G44-1JW-1-0">https://docs.google.com/spreadsheets/d/1fXphrmVGAsO90UjN-1k5-UF-3M-PLA-1VFN6G44-1JW-1-0</a>	
CB000174A02	SLR 1000 STATION ACCY TEST CABLE ADAPTER	CALL
PMKN4166	Test Cable (for test box and external speaker. Requires CB000174A02 adapter for SLR 1000)	CALL
30009477001	Repeater Programming Cable (USB A TO USB B)	CALL
PMLN7265AS	SLR 1000 Miscellaneous Hardware Kit (Spare plugs and seals)	CALL

<b>General Accessories:</b>		
MN003557A01	MOTOTRBO SLR 1000 Repeater Basic Service and Installation Manual (PDF ONLY) - NAG	N/C
MN003581A01	MOTOTRBO SLR 1000 Series Quick Start Guide (PDF ONLY) - NAG	N/C

**US VERSION**

**CAPACITY MAX SYSTEM SERVER (CMSS)  
FOR MOTOTRBO™ CAPACITY MAX DIGITAL TRUNKING SYSTEMS  
VHF/UHF/800/900 MHz**

**RESELLER PRICES**

\*Prices Have Been Updated According to the 1/15/2022 Price Increase

**The CMSS Includes:**

- 2 120 VAC Power Cables
- 1 CPU License Key
- 19" Rack Mounting Kit
- Velcro Strap Kit

Please refer to the MOTOTRBO Capacity Max System Planner for more details on system configurations and trunking features.

**General Information:**

The CMSS is the heart of our next generation Digital Trunking solution, Capacity Max. The CMSS is a single system-level server that contains three system-level functions, the Trunking Controller, System Advisor Server and MNIS Voice/Radio Command (VRC) Gateway.



MOTOTRBO Capacity Max is the next generation professional digital trunking communications solution that provides more performance, productivity and value for your business. Capacity Max supports up to 15 trunked repeaters for voice and data per site providing capacity for up to 3000 users/site. Additionally you can facilitate up to 6 additional dedicated data ("data revert") repeaters, supporting intensive text, GPS and data use. The architecture is very flexible, and allows for centralized or distributed equipment deployment as required, it's also easy to add more capacity and coverage.

- |                            |                                       |                   |                            |
|----------------------------|---------------------------------------|-------------------|----------------------------|
| - Critical Site Assignment | - Radio & Talkgroup Site Restrictions | - Group Call      | - Key Based Authentication |
| - Dynamic Site Assignment  | - Enhanced Channel Access             | - All Call        | - Voice & Data Encryption  |
| - Enhanced Registration    | - Talkgroup Scan                      | - Emergency Call  | - OTA Programming          |
| - Enhanced Roaming         | - Group Broadcast Call                | - Emergency Alarm | - Advanced Late Entry      |

**NOTE:**

- For Capacity Max to operate in the UHF and VHF bands it requires at least one YG F88 or FCC Auction Exclusive use channel for control channel at each site. Please refer to FCC 90.187 for
- The Capacity Max System Server, Model #: SQM01SUM0281B, is not available to order on MOL. Channel Partners must go through the Center of Excellence Engineering (CoEE) Team.

[Request Link](#)

- ST Support Services will be mandatory for all Capacity Max System purchases unless the Channel Partner has completed the Capacity Max training requirements. This will be verified by the CoEE Team. Classes can be accessed via the Learning Management Portal on MOL.

For questions, please contact [ats.support@motorolasolutions.com](mailto:ats.support@motorolasolutions.com)

**Capacity Max System Server & Premium Software Features**

**Required**

MODEL	DESCRIPTION	MSRP
SQM01SUM0281B	Capacity Max System Server	\$19,593.00
<b>Required</b>	One (1) CMSS appliance is Required per system since at least one Trunk Controller is needed for each system.	
<b>Only one of the following is required:</b>		
HKVN4313	MOTOTRBO Capacity Max Trunking Controller	\$22,123.00
<b>Choose for Multi-</b>	The Trunk Controller provides wide-area trunking, subscriber access control, and enables gateway operations on the system.	
HKVN4394	MOTOTRBO Capacity Max Single Site Trunk Controller	\$9,482.00
<b>Choose for Single-</b>	The Trunk Controller enables trunking, subscriber access control, and enables gateway operations on the system.	
<b>Required for Multi-Site Systems:</b>		
HKVN4314	MOTOTRBO Capacity Max Site License Required for multisite systems. Allows connection of an RF site to the system; needed for each additional RF site beyond the first site, which is included with the Trunk Controller License.	\$9,482.00

**Capacity Max System-level Licenses**

**Optional**

All System-level licenses must be purchased for both primary and redundant CMSS's

MODEL	DESCRIPTION	MSRP
HKVN4395	MOTOTRBO Capacity Max Single Site to Multi-Site Trunk Controller Expansion Single Site to Multi-Site Trunk Controller expansion license allows upgrade beyond a single site for systems that started with a Single Site Trunk Controller	\$12,642.00
HKVN4315	MOTOTRBO Capacity Max System Advisor License Optional: The System Advisor provides Fault Management and Call Monitoring functionality for the system.	\$7,585.00
HKVN4316	MOTOTRBO Capacity Max System Advisor NBI License Optional: Provides a North Bound Interface (NBI) to 3rd party fault managers	\$7,585.00
HKVN4317	MOTOTRBO Capacity Max VRC Gateway License Optional: The MNIS VRC Gateway provides an interface to 3rd party wireline Voice and/or Radio Command applications.	\$3,793.00
HKVN4318	MOTOTRBO Capacity Max VRC Gateway Single Talkpath License Optional: Enables one (1) external voice Talkpath for dispatch, voice logging, telephony, and/or WAVE.	\$1,581.00
HKVN4321	MOTOTRBO Capacity Max Data Gateway License Optional: Enables the connection of one (1) MNIS Data Gateway to the system; The MNIS Data Gateway provides the wireline data interface to Motorola and/or	\$6,321.00
HKVN4694	MOTOTRBO Capacity Max Site to Support Dynamic Group Number Assignment (DGNA) License Optional: Enables a console operator to add and remove a dynamic talk group to individual radios. One (1) license required for each site with a CMSS and Trunk Controller (TC). For example, if a customer has (2) CMSS's with TC enabled (1 primary, 1 redundant) at 10 Sites, you would need to purchase (20) DGNA licenses.	\$1,374.00

**CMSS Field Upgrades**

MODEL	DESCRIPTION	MSRP
T8854A	MOTOTRBO M2022.01 Capacity Max System Server SW Upgrade (MyView Portal) - E-mail address required	\$430.00
T8853A	MOTOTRBO M2022.01 Capacity Max System Server SW Upgrade (USB)	\$430.00
T8831A	MOTOTRBO M2021.04 Capacity Max System Server SW Upgrade (MyView Portal) - E-mail address required	\$430.00
T8830A	MOTOTRBO M2021.04 Capacity Max System Server SW Upgrade (USB)	\$430.00
T8814A	MOTOTRBO M2021.02 Capacity Max System Server SW Upgrade (MyView Portal) - E-mail address required	\$430.00
T8813A	MOTOTRBO M2021.02 Capacity Max System Server SW Upgrade (USB)	\$430.00
T8786A	MOTOTRBO M2021.01 Capacity Max System Server SW Upgrade (MyView Portal) - E-mail address required	\$430.00
T8785A	MOTOTRBO M2021.01 Capacity Max System Server SW Upgrade (USB)	\$430.00
T8766A	MOTOTRBO M2020.02 Capacity Max System Server SW Upgrade (MyView Portal) - E-mail address required	\$430.00
T8765A	MOTOTRBO M2020.02 Capacity Max System Server SW Upgrade (USB)	\$430.00
T8734A	MOTOTRBO M2020.01 Capacity Max System Server SW Upgrade (MyView Portal) - E-mail address required	\$430.00
T8733A	MOTOTRBO M2020.01 Capacity Max System Server SW Upgrade (USB)	\$430.00
T8481A	MOTOTRBO 2.10.x Capacity Max System Server SW Upgrade (MyView Portal) - CMSS Serial Number (435 xxx xxxx) and E-mail address required	\$430.00
T8482A	MOTOTRBO 2.10.x Capacity Max System Server SW Upgrade (USB) - CMSS Serial Number (435 xxx xxxx) required	\$430.00
T8483A	MOTOTRBO Capacity Max System Server SW Update Launch Pad (MyView Portal) - E-mail address required <b>Updated and required for M2020.01</b>	\$0.00
T8486A	MOTOTRBO Capacity Max System Server SW Update Launch Pad ( <b>Updated and required for M2020.01</b> )	\$0.00
T8480A	MOTOTRBO 2.9 Capacity Max System Server SW Upgrade (USB)	\$430.00
MOL Download	R2.8 CMSS Field Upgrade - MOL Resource Center >Software>Two-Way>MOTOTRBO>Capacity Max -	\$0.00
MOL Download	R2.7 CMSS Field Upgrade - MOL Resource Center >Software>Two-Way>MOTOTRBO>Capacity Max -	\$0.00

The Capacity Max Bridge(CMB) is now available. The existing connect plus system should be at a minimum of R1.8 and above to use the Migration Bridge . Learn more about CMB at:<http://www.motorolasolutions.com/capacitymaxbridge>  
Refer to the XRT 9100 Tab for more information on Bridge configuration requirements.

**PC Workstation & Network Accessories**

**Optional**

Motorola recommends the networking equipment listed below. To aid in deployments, Motorola provides configuration files for these switches and routers. Juniper networking equipment is intended for brand new systems as Motorola has not verified functional compatibility between HP and Juniper

MODEL	DESCRIPTION	MSRP
T14029	HP Z2 G5 MINI WORKSTATION (Replaces Z440 Workstation) Optional; for Radio Management Server and/or MNIS Data Gateway(s). For Radio Management, the Z2 mini is recommended for smaller fleet sizes, i.e. 500-1000	\$2,500.00
DSSUBDESKTOP	HP Z240 DESKTOP, 8 GB memory Optional; for Radio Management, this desktop is recommended for medium fleet sizes, i.e. 900-5,000 units*	\$1,845.00
DSSUBSERVER1	HPE DL360 Gen10, Intel® Xeon® 4110 processor, 16 GB memory	\$6,498.00

	Optional; for Radio Management, this server is recommended for large fleet sizes, i.e. 4000-10,000 units*	
* Fleet size, configuration and site count can all impact RM performance. Please reference the Radio	<a href="#">Radio Management System Planner</a>	
DSHPEJ411AABA	HP MSR2003 AC ROUTER	\$767.00
DSHPEI9782A	SWITCH HP PROCURVE 2530-24 SWITCH	\$356.00
DSJG739ASTD	ROUTER, HPE MSR 4P GIG-T SWITCH SIC MODULE	\$340.00
DSPCRSRX300SYSJB	JUNIPER SRX300 SERVICES GATEWAY W/PERPETUAL JSB SOFTWARE BASE	\$930.00
DSPCRSRX300RMKQ	JUNIPER SRX300 RACK MOUNT KIT W/ ADAPTOR TRAY	\$128.00
DSPCRSRX345SYS	JUNIPER SRX345 SERVICES GATEWAY W/PERPETUAL JSB SOFTWARE BASE	\$2,202.00
DSPCRSRX345SYSDC	JUNIPER SRX345 SERVICES GATEWAY W/PERPETUAL JSB SOFTWARE BASE, DC PWR	\$2,465.00
DSPCREX230024T	JUNIPER EX2300, 24 PORT 10/100/1000BASE-T, 4 X 1/10GBE SFP/SFP+	\$1,037.00
DSPCREX230024TDQ	JUNIPER EX2300, 24 PORT 10/100/1000BASE-T,4 X 1/10GBE SFP/SFP+, DC PWR	\$1,625.00
TDN1113	Ethernet Cable, 50'	\$45.00

Radios and Repeaters also require Capacity Max software licences, please reference those specific product pages for further information

**Literature & Information (Available on Motorola Online and/or Partner Central):**

Capacity Max Product Fact Sheet	Capacity Max Installation & Configuration Manual
Capacity Max System Advisor	Capacity Max System Planner
Configuration Files	Capacity Max System Operations, Troubleshooting & Maintenance Guide

**Warranty:**

5 Year Essential Repair and Software

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# US VERSION

# MTR3000

## MOTOTRBO & ANALOG CONVENTIONAL BASE RADIO GENERAL INFORMATION

### RESELLER PRICES

**Please note: The MTR3000 Repeater has been discontinued and is no longer available for purchase. The below software and accessory sections for this repeater will be retained for reference purposes.**

MSRP

#### Premium System Software:

Use the part numbers below to purchase Premium Software feature Entitlement ID's (EID) for the MTR3000 repeaters. You will receive the EID via an e-mail. Use the MOTOTRBO CPS/RM to register the serial number and activate the specific feature in the firmware of the desired unit. Internet connection is required during the registration, but the activation can be done offline.

Premium Software Features included in Essential SW & Repair Services	MTR 3000
Enhanced GPS	5 Years
Digital Voting	5 Years
Dynamic Mixed Mode	5 Years
IP Repeater Programming	5 Years

DDN9957	HI-SPEED USB CABLE 6FT (TYPE A -B)	\$20.00
HKLN4439*	Capacity Plus Repeater License	\$2,108.00
HKVN4110*	Linked Capacity Plus New System Deployment	\$6,321.00
HKVN4112*	Linked Capacity Plus Upgrade from Capacity Plus	\$4,216.00
HKVN4324	Capacity Max Repeater License	\$7,585.00
HKVN4243**	Digital Voting Operation	\$1,581.00
HKVN4044	Dynamic Mixed Mode Software Upgrade	\$316.00
HKVN4047	IP Repeater Programming and Upgrade License	\$289.00
	Activate in the MOTOTRBO CPS 6.0 or later. Once activated, the CPS can connect to an unlimited number of repeaters, one at a time.	
HKVN4055**	Enhanced GPS	\$948.00
HKVN4066**	Digital Telephone Interconnect Upgrade	\$738.00
HKVN4178*	Restricted Access to System Security	\$0.00
HKVN4208*	Data Network Application Interface (IP Wireline Data Gateway)	\$948.00
HKVN4209*	Voice Network Application Interface (IP Wireline Voice Gateway) for use with AVTEC SCOUT and WAVE	\$316.00

\* These System level options must be used to enable the corresponding feature in All Repeaters in the Radio system: both voice and data revert.

\*\* These software options are to be enabled only in the Repeaters that will support the specific feature (e.g. Enhanced GPS in the Data Revert Repeaters and Telephone Interconnect in the voice Repeater that is connected to the phone patch box and Digital Voting Only in the Voting Repeater).

For MOTOTRBO CPS/RM model/pricing please click the link below:

[https://docs.google.com/spreadsheets/d/1fxphrmVGAsO90Uhn-ljto5\\_HfuaYAcxPkAaVXFntGt4/edit#gid=0](https://docs.google.com/spreadsheets/d/1fxphrmVGAsO90Uhn-ljto5_HfuaYAcxPkAaVXFntGt4/edit#gid=0)

#### Kit & Accessories: MTR3000 Field Replaceable Units (FRUs)

All Field Replacement Units (FRUs) are available through Customer Care and Service Division (RPSD) 1-800-927-2744.

#### SERVICE ACCESSORIES:

##### FRU MTR3000

DLN6710	FRU VHF 100W PA 136-174	\$3,450.00
DLN6712	FRU VHF 136-174 EXCITER	\$1,500.00
DLN6713	FRU VHF 136-174 RECEIVER	\$1,500.00
DLN6701	FRU UHF 100W PA (403-470 MHz)	\$3,500.00
DLN6702	FRU UHF 100W PA (470-524 MHz)	\$3,450.00
DLN6703	FRU UHF 403-470 MHz, EXCITER	\$1,500.00
DLN6704	FRU UHF 450-524 MHz, EXCITER	\$1,500.00
DLN6705	FRU UHF 403-470 MHz, RECEIVER	\$1,500.00
DLN6706	FRU UHF 450-524 MHz, RECEIVER	\$1,500.00
DLN6714	FRU 800/900 MHZ 100W PA	\$3,450.00
DLN6715	FRU 800/900 MHZ EXCITER	\$1,500.00
DLN6716	FRU 800/900 MHZ RECEIVER	\$1,500.00

##### POWER SUPPLY FRU MTR3000s

DLN6707	FRU MTR3000 AC/DC POWER SUPPLY	\$1,000.00
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##### CONTROL/WIRELINE/MISCELLANEOUS FRU MTR3000s

DLN6719	FRU STATION CONTROL TCXO FOR VHF AND UHF	\$1,300.00
DLN6718	FRU STATION CONTROL OCXO FOR 800/900 MHz	\$1,600.00
DLN6720	FRU 4 WIRE WIRELINE	\$450.00

##### MICROPHONES/SPEAKERS/TEST CABLE:

HSN1006	EXTERNAL SPEAKER	\$104.00
0185180U01	CABLE FOR EXTERNAL SPEAKER	\$18.25
GMMN4063	SERVICE MIC	\$72.00
3.0009E+10	RECEIVER AUDIO TEST CABLE	\$65.25

##### CABINETS/RACKS & HARDWARE

CLN6679	RACK MOUNT HARDWARE	\$50.00
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# US VERSION

# MTR2000 MOTOTRBO™ UPGRADE VHF & UHF, 800/900 MHz GENERAL INFORMATION

## RESELLER PRICES

**Please note: The MTR2000 MOTOTRBO Upgrade has been discontinued and is no longer available for purchase. The below software and accessory sections for this Upgrade kit will be retained for reference purposes.**

MSRP
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### Software:

For MOTOTRBO CPS/RM model/pricing please click the link below:

[https://docs.google.com/spreadsheets/d/1fxphrmVGAsO90UjN-ljto5\\_HfuaYAcxPkAaVXFntGt4/edit#gid=0](https://docs.google.com/spreadsheets/d/1fxphrmVGAsO90UjN-ljto5_HfuaYAcxPkAaVXFntGt4/edit#gid=0)

DDN9957	HI-SPEED USB CABLE 6FT (TYPE A -B)	\$20.00
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### Premium System Software:

Use the part numbers below to purchase Premium Software feature Entitlement ID's (EID) for the MTR2000 upgraded repeaters. You will receive the EID via an e-mail. Use the MOTOTRBO CPS/RM to register the serial number and activate the specific feature in the firmware of the desired unit. Internet connection is required during the registration, but the activation can be done offline.

HKVN4044**	Dynamic Mixed Mode Software Upgrade	\$316.00
HKLN4439*	Capacity Plus Repeater License	\$2,108.00
HKVN4110*	Linked Capacity Plus New System Deployment	\$6,321.00
HKVN4112*	Linked Capacity Plus Upgrade from Capacity Plus	\$4,216.00
HKVN4055**	Enhanced GPS	\$948.00
HKVN4178*	Restricted Access to System Security	\$0.00

\* These System level options must be used to enable the corresponding feature in All Repeaters in the Radio system: both voice and data revert.

\*\* These software options are to be enabled only in the Repeaters that will support the specific feature (e.g. Enhanced GPS in the Data Revert Repeaters and Telephone Interconnect in the voice Repeater that is connected to the phone patch box).

<b>Peripherals:</b>	Existing peripherals that are being utilized for the MTR2000 can retrofit the MTR3000 once it is upgraded. There is no need to purchase a new Duplexer, Preselector or Circulator or Antenna Relay.
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### Kit & Accessories: MTR3000 Field Replaceable Units (FRUs)

All Field Replacement Units (FRUs) are available through Customer Care and Service Division (RPSD) 1-800-927-2744.

### FRU MTR3000:

DLN6703	FRU UHF 403-470 MHz, EXCITER	\$1,500.00
DLN6705	FRU UHF 403-470 MHz, RECEIVER	\$1,500.00
DLN6707	FRU: MTR3000 AC/DC POWER SUPPLY	\$1,000.00
DLN6715	FRU 800/900 MHZ EXCITER	\$1,500.00
DLN6716	FRU 800/900 MHZ RECEIVER	\$1,500.00
DLN6712	FRU VHF 136-174 EXCITER	\$1,500.00
DLN6713	FRU VHF 136-174 RECEIVER	\$1,500.00
DLN6720	FRU: 4 WIRELINE BOARD	\$450.00
DLN6721	FRU: BACKPLANE	\$67.00

### CONTROL/WIRELINE/MISCELLANEOUS FRU MTR3000s:

DLN6719	FRU STATION CONTROL TCXO FOR VHF AND UHF	\$1,300.00
DLN6718	FRU STATION CONTROL OCXO FOR 800/900 MHz	\$1,600.00

### MICROPHONES/SPEAKERS/TEST CABLE:

HSN1006	EXTERNAL SPEAKER	\$104.00
0185180U01	CABLE FOR EXTERNAL SPEAKER	\$18.25
GMMN4063*	SERVICE MIC	\$72.00
*The Upgraded MTR2000 requires the use of the GMMN4063 service microphone		
30009493001	RECEIVER AUDIO TEST CABLE	\$65.25

### CABINETS/RACKS & HARDWARE

CLN6679	RACK MOUNT HARDWARE	\$50.00
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# US VERSION

# XPR™8380/8400 REPEATERS

## RESELLER PRICES

Please note: The XPR Repeaters have been discontinued and are no longer available for purchase. The below accessory section for these repeaters will be retained for reference purposes.

## XPR™8380/8400 REPEATER ACCESSORIES

### RESELLER PRICES

MODEL NUMBER	DESCRIPTION	MSRP
<b>Premium System Software:</b>		
Use the part numbers below to purchase Premium Software feature Entitlement ID's (EID) for the XPR8380 and XPR8400 repeaters. You will receive the EID via an e-mail. Use the MOTOTRBO CPS/RM to register the serial number and activate the specific feature in the firmware of the desired unit. Internet connection is required during the registration, but the activation can be done offline.		

HKLN4427*	Capacity Plus Single Site Digital Trunking Note: Use this part number to purchase Entitlement ID's (EID) to Register and Activate the Capacity Plus trunking in XPR 8300 and XPR 8400 repeaters. You will receive the EID via an e-mail. Register the Serial Numbers of the units, to be upgraded, and Activate the trunking via the RVN5115 MOTOTRBO CPS. Internet connection is required during the registration, but the activation can be done offline.	\$2,108.00
HKVN4089*	Linked Capacity Plus Upgrade from Capacity Plus - Requires a 32MB repeater + XPR8380 Or XPR8400	\$4,216.00
HKVN4099*	Linked Capacity Plus New System Deployment - Requires a 32MB repeater + XPR8380 Or XPR8400	\$6,321.00
HKVN4324*	Capacity Max Repeater License	\$7,585.00
HKVN4242**	Digital Voting Operation	\$1,581.00
HKLN4442	RDAC Multiple System Monitoring Upgrade License	\$250.00
HKLN4456	Dynamic Mixed Mode Upgrade License (Analog & Digital Automatic Call Switching)	\$316.00
HKVN4048**	Enhanced Scheduled GPS License	\$948.00
HKVN4177*	Restricted Access to System Security	\$0.00
HKVN4047	IP Repeater Programming and Upgrade License Activate in the MOTOTRBO CPS 6.0 or later. Once activated, the CPS can connect to an unlimited number of	\$289.00
HKVN4049**	Digital Telephone Interconnect Upgrade	\$738.00
HKVN4205*	Data Network Application Interface (IP Wireline Data Gateway)	\$948.00
HKVN4206*	Voice Network Application Interface (IP Wireline Voice Gateway) for use with AVTEC SCOUT and WAVE	\$316.00

\* These System level options must be used to enable the corresponding feature in All Repeaters in the Radio system: both voice and data revert.

\*\* These software options are to be enabled only in the Repeaters that will support the specific feature (e.g. Enhanced GPS in the Data Revert Repeaters and Telephone Interconnect in the Voice Repeater that is connected to the phone patch box and Digital Voting Only in the Voting Repeater).

<b>Crescent Power Amplifiers: *** Available to order via MOL only *** Frequency is required at time of order</b>		
DSP1020MOVC5	P10 SERIES Amplifier, 136-174MHZ, 20-50W Input, 100W Output, 23A Current Draw Replacement for RDD5565A, RDD5563A, RDD5548A, RDD5564A. Requires DSRM50M or DSRM60M Power Supply	\$1,670.00
DSP1020MOUC5	P10 SERIES Amplifier, 406-512MHZ, 20-50W Input, 100W Output, 23A Current Draw Replacement for RDE6067A, RDE6068A, RDE6069A, RDE6106A, RDE6105A. Requires DSRM50M or DSRM60M Power Supply	\$1,759.00
DSP1515MOJKC6	P15 SERIES Amplifier, 764-870 MHZ, 15-25W Input, 150W Output, 42A Current Draw Replacement for DSP1510K1C1001. Requires R1684 Power Supply. Can be tuned to 100W Output at time of order entry	\$2,678.00
DSP1520MOJKC6	P15 SERIES Amplifier, 764-870 MHZ, 20-50W Input, 150W Output, 42A Current Draw Replacement for DSP1520K1C1001. Requires R1684 Power Supply. Can be tuned to 100W Output at time of order entry	\$2,678.00
DSP1515MOLC6	P15 SERIES Amplifier, 928-942MHZ, 15-25W Input, 150W Output, 42A Current Draw Replacement for DSP1510L1C1001. Requires R1684 Power Supply. Can be tuned to 100W Output at time of order entry	\$2,678.00
DSP1520MOLC6	P15 SERIES Amplifier, 928-942MHZ, 20-50W Input, 150W Output, 42A Current Draw Replacement for DSP1520L1C1001. Requires R1684 Power Supply. Can be tuned to 100W Output at time of order entry	\$2,678.00
DSRM60M	RM60M Astron Power Supply, 13.8VDC, 50A Continuous, 55A ICS	\$702.00
DSRM50M	RM50M Astron Power Supply, 13.8VDC, 37A Continuous, 50A ICS	\$516.00
CDQRDN9900	DPS-30 Duracomm, Filtered Power Supply, 13.8VDC, 30A Max	\$314.00
DSP1020MOVPS	P10 SERIES, C5 Amplifier, 136-174MHZ, 20-50W Input, 100W Output, 13.8DC / 110 AC Includes an integrated 110V AC Power Supply; Frequency is required at time of order	\$2,228.00
DSP1020MOUPS	P10 SERIES, C5 Amplifier, 406-512MHZ, 20-50W Input, 100W Output, 13.8DC / 110AC Includes an integrated 110V AC Power Supply; Frequency is required at time of order	\$2,458.00
DSP820MOJKPS	P8 SERIES, C5 Amplifier, 764-870MHZ, 20-50W Input, 80W Output, 13.8DC / 110AC Includes an integrated 110V AC Power Supply	\$2,637.00
DSP820MOLPS	P8 SERIES, C5 Amplifier, 928-942MHZ, 20-50W Input, 75W Output, 13.8DC / 110AC Includes an integrated 110V AC Power Supply	\$2,637.00

# US VERSION

## XPR™8380/8400 REPEATER ACCESSORIES

### RESELLER PRICES

MODEL NUMBER	DESCRIPTION	MSRP
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**Duplexers - All duplexers have female type "N" connectors.**

**Untuned Duplexers (for use with standard repeater) - Requires Tuning in the Field**

HFD8188	VHF Duplexer, 144-155 MHz (minimum & maximum freq. separation 4.5 MHz/6 MHz)	\$722.00
HFD8189	VHF Duplexer, 155-162 MHz (minimum & maximum freq. separation 4.5 MHz/6 MHz)	\$611.00
HFD8190	VHF Duplexer, 162-174 MHz (minimum & maximum freq. separation 4.5 MHz/6 MHz)	\$611.00
DSCP10725UNTUNED	UHF Duplexer - Untuned 406-500 MHz (N-female 4-8 MHz spacing) Pre-tuned 460 MHz (Low) and 465 MHz (High) Tuning instructions are included in the shipment and must be followed in order to keep the warranty in place	\$368.00
HFE8400	UHF Duplexer, 406-450 MHz (minimum & maximum freq. separation 5 MHz)	\$571.00
HFE8401	UHF Duplexer, 470-495 MHz (minimum & maximum freq. separation 3 MHz)	\$599.00
HFE8454	UHF Duplexer, 490-527 MHz (minimum & maximum freq. separation 3 MHz)	\$498.00

**Untuned Duplexers (for use with 100 Watt power amplifiers) - Requires Tuning in the Field**

9175300H01	VHF Duplexer (RoHS) 132-146MHz (5MHz separation RX or TX)	\$1,518.00
9175300H02	VHF Duplexer (RoHS) 144-160MHz (5MHz separation RX or TX)	\$1,556.50
9175300H03	VHF Duplexer (RoHS) 158-174MHz (5MHz separation RX or TX)	\$1,518.00
9175300H05	UHF Duplexer (RoHS) 403-435MHz (5MHz separation RX or TX)	\$2,387.00
9175300H06	UHF Duplexer (RoHS) 435-470MHz (5MHz separation RX or TX)	\$1,556.50
9175300H07	UHF Duplexer (RoHS) 470-494MHz (5MHz separation RX or TX)	\$1,518.00
9175300H08	UHF Duplexer (RoHS) 494-512MHz (5MHz separation RX or TX)	\$1,518.00

**Tuned Duplexers (for use with standard repeater) - Must Specify Frequency for Tuning**

HFD8465	VHF Duplexer, 150-160 MHz (minimum & maximum freq. separation 4.5 MHz/6 MHz)	\$611.00
DSCP10725TUNED	UHF Duplexer - Tuned 406-500 MHz (N-female 4-8 MHz spacing)	\$391.00
0112004B04	N - Type Male to N - Type Male 24" (to connect repeater to external duplexer or preselector)	\$124.63
0112004U04	N - Type Male to BNC Male 24" (to connect repeater to external duplexer or preselector)	\$79.20
3082081X01	Right angle N-Type Male to straight N-Type Male 30" (to connect 100W PA to external duplexer/preselector)	\$53.35

**Antennas- Contact Dealer Support Services for antennas**

**Mounting Accessories:**

PMLE4476	Wall Mount Kit (includes wall mount bracket and screws)	\$115.00
PMLE4548	Rack Mount Duplexer/Filter Enclosure Kit (includes mounting screws)	\$320.00

**Preselectors:**

HFD8461	VHF Preselector, 144-160 MHz	\$336.00
HFD8462	VHF Preselector, 160-174 MHz	\$336.00
HFE8459	UHF Preselector, 440-527 MHz	\$780.00

To order Preselectors TUNED, place your order through Customer Care Services at 800-422-4210.

To order Preselectors UN-TUNED, order directly through Customer Care Services. Preselectors must be mounted externally when using an XPR™ 8300 Repeater. All preselectors have female type "N" connector. A type "N" male to male connector is required for proper operation (0112004B04 or 0112004U04). The length of the cable depends on your application. Call Customer Care Services to find a cable for your individual application or for additional preselector options.

**Lightning Protection Recommendation Accessories:**

DSISB50LNC2	RF SPD, 125-1000MHZ DC BLOCK BROADBAND BULKHEAD MT, NF ANT, NF EQUIP	\$84.00
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**Coaxial Cable In-Line Arrestors:**

RRX4032	Tower Mounting Hardware for Lightning Arrestor	\$15.00
DSISB50LNC2MA	RF SPD, 125-1000MHZ DC BLOCK BROADBAND BULKHEAD MT, NM ANT, NF EQUIP	\$84.00

**Service, Programming Accessories and Cables:**

	For MOTOTRBO CPS/RM model/pricing please click the link below: <a href="https://docs.google.com/spreadsheets/d/1fXpHrmVGAsO90Uhn-ljto5_HfuaYAcxPkAaVXFntGt4/edit#gid=0">https://docs.google.com/spreadsheets/d/1fXpHrmVGAsO90Uhn-ljto5_HfuaYAcxPkAaVXFntGt4/edit#gid=0</a>	
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PMKN4016 Mobile and Repeater Rear Programming Cable Call for Pricing

**RESELLER PRICES**

MODEL NUMBER	DESCRIPTION	MSRP
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**Service, Programming Accessories and Cables (continued):**

PMKN4016	Mobile and Repeater Rear Programming, Test and Alignment Cable	Call for Pricing
RKN4152	Battery Back-up Cable	Call for Pricing
PMLN5270	MOTOTRBO Connector Board Service Kit	Call for Pricing

**Network Devices:**

DSJG411	HP MSR2003 AC ROUTER	\$767.00
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DSHPJ9782A HP Procurve 2530-24 Ethernet Switch (Available to order via MOL only) \$356.00

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**General Accessories:**

6816814H01	MOTOTRBO Repeater Installation Guide	\$22.00
6816810H01	MOTOTRBO Repeater Basic Service Manual	\$33.00
6816811H01	MOTOTRBO Repeater Detailed Service Manual	\$55.00
6880309T12	MOTOTRBO System Planner	\$33.00
3087791G01	120V AC Line Cord	\$22.00

# US VERSION

## XRC 9100 Trunking Controller FOR MOTOTRBO™ CONNECT PLUS DIGITAL TRUNKING SYSTEMS VHF/UHF/800/900 MHz

### RESELLER PRICES

**NOTICE: The Connect Plus XRC 9100 has been discontinued and is no longer available for purchase. The below model, software and accessory sections for this solution will be retained for reference purposes. Please note that the software features and software upgrades will continue to be orderable.**

#### The XRC 9100 Controller Includes:

- 120 VAC Power Cable
- 3 ft. Ethernet Cable
- Quick Start Guide
- 19" Rack Mounting Kit

Please refer to the MOTOTRBO Connect Plus System Planner for more details on system configurations and trunking features.

#### General Information:

The XRC 9100 is the central call processing equipment in MOTOTRBO™ Connect Plus digital trunking solutions. The XRC 9100 is a powerful multiprocessor computer designed to provide call processing and real-time resource management. The XRC 9100 controller is designed as an Internet Protocol (IP) device that can be configured for Connect Plus single site or multi-site trunking operation.

MOTOTRBO Connect Plus is the next generation professional digital trunking communications solution that provides more performance, productivity and value for your business. Connect Plus supports up to fifteen (15) repeaters per site, which provide twenty-nine (29) slots per site to be used as voice or data resources, and up to two hundred-fifty (250) sites when the XRC 9100 controller is ordered for multi-site operation. Connect Plus Trunking uses 2:1 TDMA technology with a control channel slot based architecture which provides the following key trunking features:

- PTT-ID
- User Priority Levels
- Emergency Call and Alert Operation
- Site Restrictions
- Dynamic Site Assignment
- Busy Queuing and Call Back
- Redundant Controller
- Network Wide All Call
- Site Registration
- Selective Call and Call Alert
- OTA Code Plug Transfer
- Automatic Roaming
- Group Scan across Radio Zones
- Rotating Control Slots

Note: For Connect Plus to operate in the UHF and VHF bands it requires at least one YG FB8 or FCC Auction Exclusive use channel for control channel @ each site.

Please refer to FCC 90.187 for additional regulatory compliance information.

Please refer to FCC 90.187 for additional regulatory compliance info

#### XRC 9100 Controller Models & Premium Software Features:

MODEL	DESCRIPTION	MSRP*
TT2653	XRC 9100 Single Site Trunking Controller	<del>\$48,078.00</del>
TT2654	XRC 9100 Multi-Site Trunking Controller	<del>\$57,693.00</del>
HKVN4303	XRC 9100 Multi-Site Upgrade Package	\$9,615.00
HKVN4290	XRC Fast GPS Channel License	\$619.00
TT3718	XRC NID Change License - Requires e-mail address, Serial Number, and new NID required at time of order.	\$8,000.00

#### Ordering Requirements:

1. One XRC 9100 controller is required per trunking site.
2. If you are purchasing a new system, please include the text "0000" in the Network ID field.
3. If you are purchasing a system expansion, please provide the existing 4 digit (i.e. 0123) "NETWORK ID" when entering the order.
4. All XRC 9100 controllers interconnected for multi-site operation require to have the same NETWORK ID.
5. Existing NETWORK ID and XRC 9100 controller SERIAL NUMBER required when ordering XRC 9100 Multi-Site Upgrade Package (HKVN4303).
6. Uninterrupted Power Supply (UPS) backup required for continuous operation of XRC 9100 controller and networking equipment during power outages.
7. The XRC 9100 controller and other Connect Plus Trunking system equipment can be ordered as part of the Assembled Trunked System (ATS) program for staging at Motorola CCSI (Customer Center for System Integration).
8. Racks / cabinet equipment is required for system staging at CCSI.
9. Please refer to the Connect Plus System Planner and your Motorola ACES team representative for pre-sale support and system design considerations.
10. A site ID needs to be provided for service during the warranty period. To generate one, please fill out the "CSP short form" and send it back to Motorola at CCOF129@email.mot.com . You will be asked to provide a PO if the proper entitlement is not provided. The form and the instructions are available in: Motorola Online > Resource Center > Services > Warranty Information > Customer Support Plan (CSP) Short Form.
11. Enter one line item for each controller requiring an Upgrade.
12. When ordering an upgrade HKVN4294, please make sure to include the Connect Plus Network ID for the system, the Connect Plus Electronic Serial Number (TRxxxxx) & e-mail in the appropriate fields for each controller in the order line item notes of the Connect Plus Upgrade Workbook found on MOL. The Serial Number is found via the Network Manager while connected to the specific controller. Not submitting the completed workbook to Motorola (as instructed in the workbook) will delay processing of the order. An e-mail containing the upgrade will be sent to the address entered in the order. Each upgrade is approximately 3M in size. If your e-mail account cannot manage this size file, a CD version of the upgrade will be mailed to you ONLY if HKVN4143 is ordered along with the XRC 9100 Field Upgrade Package.

#### Literature & Information (available on Motorola Online):

Connect Plus System Brochure      XRC 9100 Controller User and Installation Guide      Connect Plus Frequently Asked Questions  
XRC 9100 Controller Specifications Sheet      Connect Plus System Planner

#### Warranty:

Two (2) Year Standard Warranty. Note: Motorola offers an "up-lift" to standard warranty, providing two business day replacement. This service can be purchased anytime during Motorola Standard Warranty (equipment failures prior to uplift purchases are excluded from the two business day cycle time). For more information contact your Motorola Dealer or Motorola Sales Account Manager.

#### XRC 9000 Field Upgrades

MODEL	DESCRIPTION	MSRP
TT2308	XRC 9000 Field Upgrade Package (R1.0A)	\$0.00
TT2391	XRC 9000 Field Upgrade Package (R1.1)	\$0.00
HKVN4165	XRC 9000 Field Upgrade Package (R1.2.3); E-mail Only. Submission of the Upgrade Workbook is required. <a href="#">Workbook</a>	\$0.00
HKVN4221	XRC 9000 Field Upgrade Package (R1.3); E-mail Only. Submission of the Upgrade Workbook is required. <a href="#">Workbook</a>	\$0.00
HKVN4228	XRC 9000 Field Upgrade Package (R1.4); E-mail Only. Submission of the Upgrade Workbook is required. <a href="#">Workbook</a>	\$0.00
HKVN4262	XRC 9000 Field Upgrade Package (R1.5); E-mail Only. Submission of the Upgrade Workbook is required. <a href="#">Workbook</a>	\$0.00
HKVN4294	XRC 9000 Field Upgrade Package (R1.6); E-mail Only. Submission of the Upgrade Workbook is required. <a href="#">Workbook</a>	\$0.00
MOL Download	XRC 9000 Field Upgrade (R1.7 and later) - MOL Resource Center >Software>Two-Way>MOTOTRBO>Connect Plus - Firmware	\$0.00

MOL Download	** It is mandatory to upgrade the MOTOTRBO™ XRC to release R1.6 before upgrading it to R1.7 (R2.6.0) or later releases.	90.00
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**Questions?**

Contact Motorola at 1-800-422-4210.

The Capacity Max Bridge is now available, learn more at:

<http://www.motorolasolutions.com/capacitymaxbridge>

## US VERSION

### XRC 9100 Trunking Controller FOR MOTOTRBO™ CONNECT PLUS DIGITAL TRUNKING SYSTEMS SUGGESTED RETAIL VHF/UHF/800/900 MHz

#### Connect Plus Digital Trunking System Site Equipment

- The following equipment is included as a reference to help you build the Connect Plus sites. Final system configuration will be determined by the number of repeaters and specific site requirements.
- Proper site grounding and lightning protection are important considerations for safe and reliable operation of the Connect Plus trunking system. Refer to the Motorola Quality Standards Fixed Network Equipment Installation Manual R56 for more details.
- Please refer to the Connect Plus System Planner and your Motorola ACES team representative for pre-sale support and system design considerations.

**NETWORKING EQUIPMENT:**

MODEL	DESCRIPTION	MSRP
DSJG411	HP MSR2003 AC ROUTER	\$767.00
DSHPJ9782A	HP Procurve 2530-24 Ethernet Switch (Available to order via MOL only)	\$356.00
TDN1113	Ethernet Cable (50 ft).	\$45.00
23844-00-00R	Cord Set 18AWG SVT 3Cond 7.5FT	\$10.00

**BACKUP POWER:**

For XRC 9100 Controller and Networking Equipment

MODEL	DESCRIPTION	MSRP
DSSMART1000RM2U	Rack Mount Line Interactive Stand-By Power Supply (1kVA). Input: NEMA 5-15P (120V 15A) / Output: 6	\$720.00
DSGXTR0900N007	UPS, GXT RACKMOUNT 1000VA/900W, 7 MIN RUNTIME 120V SOFTWIRED (7 MIN RUNTIME @ FULL LOAD)	\$1,500.00
DSGXTR09001038	UPS, GXT RACKMOUNT 1000VA/900W, 38 MIN RUNTIME 120V SOFTWIRED (38 MIN RUNTIME @ FULL)	\$2,389.00
DS201193G1L	Rack Mount Rail Kit for 4-Post Racks. Use for DSGXTR0900N007 and DSGXTR09001038 UPS Units.	\$135.00
DS2POSTRMKITWM	Horizontal Rack Mount Kit for 2 –Post Installation. Use for DSSMART1000RM2U UPS.	\$105.00

*NOTE: When ordering UPSs and determining the CRSD date, please keep in mind that the battery warranty is voided if batteries are not put in service or charged within 4 months of ship date.*

**SITE AC DISTRIBUTION AND AC SURGE PROTECTION:**

MODEL	DESCRIPTION	MSRP
BLN6200B	AC Power Strip, 6 outlet (No Surge Protection)	\$94.00
DSOP820B	PDU, 120V HARDWIRE (8) 20A OUTLET PDU WITH TYPE 3 SAD PROTECTION	\$966.00
DS1101378	RACK MT ADAPTER PLATE, 19 IN FOR DSOP820B, DSOP820B2 & DSNSOP820B	\$62.00
DS11013781	RACK MT ADAPTER PLATE, 19 IN SCH FOR DSOP820B, DSOP820B2 & DSNSOP820B	\$73.00

**RACKS / CABINETS:**

MODEL	DESCRIPTION	MSRP
DQ55053703	7 ft (84") 19" EIA (2 posts) 45 RU Open Frame Rack	\$238.00
DQ46353705	7.5 ft (90") 19" EIA (2 posts) 51 RU Open Frame Rack	\$650.00
DSTGT1133742	6.5 ft. Beige Cabinet (19" w x 78" h x 30"d) Square Punched Rails, Top and Side Panels, Vertical Rails.	\$4,075.00
DSTGT1033742	7 ft. Beige Cabinet ( 19" w x 84" h x 30" d) Square Punched Rails, Top and Side Panels, Vertical Rails.	\$4,315.00

**REPEATER EQUIPMENT:**

Please refer to the MOTOTRBO Fixed Equipment section for XPR 8300 / XPR 8380 / MTR 3000 repeaters and RF peripherals available for Connect Plus trunking operation.

# US VERSION

## XRT 9100 Connect Plus Gateway FOR MOTOTRBO™ CONNECT PLUS DIGITAL TRUNKING SYSTEMS VHF/UHF/800/900 MHz

### RESELLER PRICES

**NOTICE: The Connect Plus XRT 9100 has been discontinued and is no longer available for purchase. The below model, software and accessory sections**

#### The XRT 9100 Gateway Includes:

- 120 VAC Power Cable
- 3 ft. Ethernet Cable
- Quick Start Guide
- 19" Rack Mounting Kit

Please refer to the MOTOTRBO Connect Plus System Planner for more details on system configurations and trunking features.

#### General Information:

XRT 9100 Gateway is designed to perform protocol translation for equipment and applications wishing to interact with the MOTOTRBO™ Connect Plus digital trunking system.

XRT 9100 is an Internet Protocol (IP) based device that allows connectivity from authorized clients that are part of the Motorola Solutions Application Development Partner (ADP) Program.

The XRT 9100 Application Protocol Interface (API) is a published document available to all Motorola Solutions Application Development Partners.

The total number of Talk Paths registered by all clients cannot exceed the number of registered talk paths IDs licensed for the XRT 9100 which is a maximum of 750 with the 1.6 Release. Please refer to the XRT 9100 Gateway User Guide for Talk Path definition.

The number of licensed Talk Paths determines how many Group and Private IDs can be registered by all clients, but not the maximum number of simultaneous calls.

The maximum number of simultaneous calls on a single XRT 9100 has increased from 30 to 100 with the 1.6 Release.

R1.2 supports Emergency Alert to console and Network Wide All Call from console.

#### XRT 9100 Gateway Models:

MODEL	DESCRIPTION	MSRP
TT2657	XRT 9100 Gateway (No Registered ID)	<del>\$8,876.00</del>
HKVN4305	XRT 9100 Connect Plus Talk Path 10-Pack (Used with TT2657 - now fulfilled via EID - 1.6 Release and above only).	\$4,328.00
HKVN4306	XRT 9100 Connect Plus Talk Path 100-Pack (Used with TT2657 - now fulfilled via EID - 1.6 Release and above only).	\$39,940.00
HKVN4578	CAPACITY MAX BRIDGE SERVICE LICENSE (E-mail required, see migration notes below in red).	\$0.00

#### Ordering Requirements:

1. The XRT 9100 Gateway is only required on Connect Plus systems needing Avtec Scout™ or Genesis GW3-TRBO® (this may also be required for future ADP applications on Connect Plus).
2. Uninterrupted Power Supply (UPS) backup required for continuous operation of XRT 9100 Gateway and networking equipment during power outages.
3. The XRT 9100 Gateway and other Connect Plus Trunking system equipment can be ordered as part of the Assembled Trunked System (ATS) program for staging at Motorola CCSI (Customer Center for System Integration).
4. Racks / cabinet equipment is required for system staging at CCSI.
5. Please refer to the Connect Plus System Planner and your Motorola ACES/COE team representative for pre-sale support and system design considerations.
6. When ordering an upgrade, please make sure to include the Connect Plus Network ID for the system, the Connect Plus Electronic Serial Number (TRxxxxxx) & e-mail in the appropriate fields for each controller in the order line item notes of the Connect Plus Upgrade + Workbook found on MOL. The Serial Number is found via the Network Manager while connected to the specific controller. Not submitting the completed workbook to Motorola (as instructed in the workbook) will delay processing of the order. An e-mail, containing the upgrade, will be sent to the address entered in the order. Each upgrade is approximately 3M in size. If your e-mail account cannot manage this size file, a CD version of the upgrade will be mailed to you ONLY if HKVN4143 is ordered along with the XRC 9000 Field Upgrade Package.

#### XRT 9100 for Connect Plus to Capacity Max Migration

1. A dedicated XRT 9100 Gateway is required at the existing connect plus site to allow bridged connection between the Connect Plus sites and Capacity Max sites
2. The Capacity Max Bridge (CMB) is a subscription software license (EID) required at Capacity Max site to enable bridged connection between Capacity Max and Connect Plus sites
3. The Capacity Max Bridge (CMB) subscription software license is now available to order at NO CHARGE!!

LICENSE NUMBER	DESCRIPTION	MSRP
HKVN4578A	CAPACITY MAX BRIDGE SERVICE LICENSE	\$0.00

4. No Talkpath License is required on XRT 9100 for Connect Plus to Capacity Max Bridged Operation

5. The minimum Connect Plus system release to use the CMB is R 1.8 and above

# US VERSION

#### Literature & Information (available on Motorola Online):

XRT 9100 Gateway User Guide  
Connect Plus System Planner

#### Warranty:

Two (2) Year Standard Warranty. Note: Motorola offers an "up-lift" to standard warranty, providing two business day replacement. This service can be purchased anytime during Motorola Standard Warranty (equipment failures prior to uplift purchases are excluded from the two business day cycle time). For more information contact your Motorola Dealer or Motorola Sales Account Manager.

#### Questions?

Contact Motorola at 1-800-422-4210.

#### XRT 9000 Field Upgrades

MODEL	DESCRIPTION	MSRP
HKVN4166	XRT 9000 Field Upgrade Package (R1.2.3); E-mail Only. Submission of the Upgrade Workbook is required. <a href="#">Workbook</a>	\$0.00
HKVN4222	XRT 9000 Field Upgrade Package (R1.3); E-mail Only. Submission of the Upgrade Workbook is required. <a href="#">Workbook</a>	\$0.00
HKVN4229	XRT 9000 Field Upgrade Package (R1.4); E-mail Only. Submission of the Upgrade Workbook is required. <a href="#">Workbook</a>	\$0.00
HKVN4263	XRT 9000 Field Upgrade Package (R1.5); E-mail Only. Submission of the Upgrade Workbook is required. <a href="#">Workbook</a>	\$0.00
HKVN4295	XRT 9000 Field Upgrade Package (R1.6); E-mail Only. Submission of the Upgrade Workbook is required. <a href="#">Workbook</a>	\$0.00
HKVN4261	XRT 9100 10 Registered Talk Path IDs (License Bundle Only - Used with TT2657 - 1.5 Release only).	\$3,462.00
HKVN4264	XRT 9100 100 Registered Talk Path IDs (License Bundle Only - Used with TT2657 - 1.5 Release only).	\$31,952.00
MOL Download	XRT 9000 Field Upgrade (R1.7 and later) - MOL Resource Center >Software>Two-Way>MOTOTRBO>Connect Plus - Firmv ** It is mandatory to upgrade the MOTOTRBO™ XRT to release R1.6 before upgrading it to R1.7 (R2.6.0) or later releases	\$0.00

For technical training of Motorola products, please visit:

<https://learning.motorolasolutions.com/>

## US VERSION

# XRI 9100 Telephone Interconnect Gateway FOR MOTOTRBO™ CONNECT PLUS DIGITAL TRUNKING SYSTEMS VHF/UHF/800/900 MHz

### RESELLER PRICES

**NOTICE: The Connect Plus XRI 9100 has been discontinued and is no longer available for purchase. The below model, software and accessory**

#### The XRI 9100 Gateway Includes:

- 120 VAC Power Cable
- 19" Rack Mounting Kit
- 3 ft. Ethernet Cable
- Quick Start Guide

#### General Information:

XRI 9100 enables connectivity between a Connect Plus system and the telephone network.

XRI 9100 Telephone Interconnect Gateway supports up to sixteen (16) simultaneous telephone lines (PSTN/PBX).

XRI 9100 Telephone Interconnect Gateway supports Landline to Radio/Radio to Landline/Landline to Talkgroup operation.

XRI 9100 Telephone Interconnect Gateway supports Half Duplex operation.

XRI 9100 Telephone Interconnect Gateway is supported in Connect Plus Release R1.5 and above.

With the Connect Plus 1.7 Release, the XRI can now connect to two different types of SIP Gateways (one at a time):

- SIP to PSTN or PBX Gateway. At least one SIP gateway device is required to interface PSTN or PBX phone lines with the IP network.  
(The Cisco SPA8800 is an approved and validated device).
- SIP Digital Telephony Gateway. Via the validated Cisco Unified Communications Manager, also known as Call Manager or CUCM.  
Connection to SIP Digital Telephony Gateway requires the SIP-10 or SIP-20 feature license.

Please refer to the MOTOTRBO Connect Plus System Planner and XRI 9100 User Guide for more information.

## US VERSION

#### XRI 9100 Gateway Models & Premium Software Features:

MODEL	DESCRIPTION	MSRP
TT2743A	XRI 9100 Telephone Interconnect Gateway - IP Address Required at time of order	<del>\$81,000</del>
HKVN4391	SIP-10 Telephony License - supports 10 simultaneous calls. E-mail address required.	\$1,300
HKVN4392	SIP-20 Telephony License - supports 20 simultaneous calls. E-mail address required.	\$2,470

#### Ordering Requirements:

1. One XRI 9100 Gateway is supported per Connect Plus system. Requires IP Address at time of order.
2. SIP gateway devices (Cisco SPA 8800) must be purchased separately. One SPA8800 support 4 telephone lines.
3. SIP Digital Telephony Gateway requires the SIP-10 or SIP-20 telephony license
4. A Key Manager File is required for both SIP Gateway types (including SPA8800); please contact Technical Support 800-927-2744 with the SIP Gateway IP Address(es) and they will open a case where a custom Key Manager File will be created for you.

#### Literature & Information (available on Motorola Online):

XRI 9100 User Guide  
XRI 9100 Quick Reference Guide  
XRI 9100 Specifications Sheet  
Connect Plus System Planner

#### Warranty:

Two (2) Year Standard Warranty. Note: Motorola offers an "up-lift" to standard warranty, providing two business day replacement. This service can be purchased anytime during Motorola Standard Warranty (equipment failures prior to uplift purchases are excluded from the two business day cycle time). For more information contact your Motorola Dealer or Motorola Sales Account Manager.

#### XRI 9100 Field Upgrades

MODEL	DESCRIPTION	MSRP
MOL Download	XRI 9100 Field Upgrade (R1.7) - MOL Resource Center >Software>Two-Way>MOTOTRBO>Connect Plus - Firmware	\$0.00
HKVN4296	XRI 9100 Field Upgrade (R1.6)	\$0.00

#### Questions?

Contact Motorola at 1-800-422-4210.

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<https://learning.motorolasolutions.com/>

	Vendor Part Number:	PART DESCRIPTION	VENDOR NAME
CDN1145A	F2PNF-C	3/8" TYPE N FEMALE CONNECTOR	COMMSCOPE TECHNOLOGI
CDN1148A	F2PDR-C	F2PDR-C 3/8" 7-16 DIN MALE RIGHT ANGLE CONNECTOR	COMMSCOPE TECHNOLOGI
CDN6501	L4.5PNM-RC	L4.5PNM-RC 5/8" TYPE N MALE RINGFLARE CONNECTOR	COMMSCOPE TECHNOLOGI
CDN6502	L4.5PNF-RC	L4.5PNF-RC 5/8" TYPE N FEMALE RINGFLARE CONNECTOR	COMMSCOPE TECHNOLOGI
CDN6503	L4.5PDM-RC	L4.5PDM-RC 5/8" 7-16 DIN MALE RINGFLARE CONNECTOR	COMMSCOPE TECHNOLOGI
CDN6504	L4.5PDF-RC	L4.5PDF-RC 5/8" 7-16 DIN FEMALE RINGFLARE CONNECTOR	COMMSCOPE TECHNOLOGI
CDN6518	42396A-9	42396A-9 5/8" STANDARD HANGER KIT	COMMSCOPE TECHNOLOGI
DDN1051	861-5M5M3-200	CES/CAB CABLE 200 FOOT	GRAYBAR ELECTRIC CO
DDN1054	7625M5M3-050	CES/CAB PLENUM CABLE 50 FOOT	GRAYBAR ELECTRIC CO
DDN1055	762-5M5M3-100	CES/CAB PLENUM CABLE 100 FOOT	GRAYBAR ELECTRIC CO
DDN1077	78EZDF-M	7-16IN DIN FEMALE CONNECTOR EZ-FIT FOR 7/8IN CABLE (MOTOROLA SPECIFIC)	COMMSCOPE TECHNOLOGI
DDN1078	78EZDM-M	78EZDM-M DIN MALE MOT CONNECTOR (MOTOROLA SPECIFIC)	COMMSCOPE TECHNOLOGI
DDN1079	78EZNF-M	78EZNF-M N FEMALE MOT CONNECTOR (MOTOROLA SPECIFIC)	COMMSCOPE TECHNOLOGI
DDN1080	78EZNM-M	78EZNM-M N MALE MOT CONNECTOR (MOTOROLA SPECIFIC)	COMMSCOPE TECHNOLOGI
DDN1082	158EZDF-M	158EZDF-M DIN FEMALE MOT CONNECTOR (MOTOROLA SPECIFIC)	COMMSCOPE TECHNOLOGI
DDN1083	158EZDM-M	158EZDM-M DIN MALE MOT CONNECTOR (MOTOROLA SPECIFIC)	COMMSCOPE TECHNOLOGI
DDN1088	L4TNM-PSA	L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE	COMMSCOPE TECHNOLOGI
DDN1089	L4TNF-PSA	L4TNF-PSA TYPE N FEMALE PS FOR 1/2 IN CABLE	COMMSCOPE TECHNOLOGI
DDN1090	L4TDM-PSA	L4TDM-PSA 7-16 DIN MALE PS FOR 1/2 IN CABLE	COMMSCOPE TECHNOLOGI
DDN1091	L4TDF-PSA	L4TDF-PSA 7-16 DIN FEMALE PS FOR 1/2 IN CABLE	COMMSCOPE TECHNOLOGI
DDN1399	SHS2355-01	PLANTRONICS USB HEADSET BASE W/ PTT	GRAYBAR ELECTRIC CO
DDN1400	MX412/S	SHURE DESKTOP GOOSENECK MICROPHONE 12" NECK	GRAYBAR ELECTRIC CO
DDN1428	X2U	XLR TO USB ADAPTER SHURE	GRAYBAR ELECTRIC CO
DDN1429	A412B	ANGLED DESKTOP GOOSENECK BASE SHURE	GRAYBAR ELECTRIC CO
DDN1509	L4DR-PS	L4DR-PS 1/2 INCH 7-16 MALE RIGHT ANGLE CONN	COMMSCOPE TECHNOLOGI
DDN8176	DSMTPM800	N-FEMALE TERMINATION - MTPM800	PCTEL INC
DDN9383	AL7DF-PSA	AL7DF-PSA 1-5/8" 7-16 DIN FEMALE POSITIVE STOP CONNECTOR	COMMSCOPE TECHNOLOGI
DDN9502	AL7DM-PSA	AL7DM-PSA 1-5/8" 7-16 DIN MALE POSITIVE STOP CONNECTOR	COMMSCOPE TECHNOLOGI
DDN9503	AL7NF-PSA	AL7NF-PSA 1-5/8" TYPE N FEMALE POSITIVE STOP CONNECTOR	COMMSCOPE TECHNOLOGI
DDN9504	AL7NM-PSA	AL7NM-PSA 1-5/8" TYPE N MALE POSITIVE STOP CONNECTOR	COMMSCOPE TECHNOLOGI
DDN9509	245171	245171 WEATHERPROOFING KIT, 7/8" TO 1/2" CABLES	COMMSCOPE TECHNOLOGI
DDN9511	19256B	STANDARD HOISTING GRIP FOR 7/8" CABLE	COMMSCOPE TECHNOLOGI
DDN9682	F4PNMV2-HC	F4PNMV2-HC 1/2" TYPE N MALE PLATED CONNECTOR	COMMSCOPE TECHNOLOGI
DDN9743	TK-TW	TK-TW TORQUE WRENCH KIT FOR 7-16 DIN & TYPE N COUPLING NUTS	COMMSCOPE TECHNOLOGI
DDN9748	11231-719	19 INCH BLACK SHELF	GRAYBAR ELECTRIC CO
DDN9758	F2TNM-PL	F2TNM-PL 3/8" TYPE N MALE POSITIVE LOCK CONNECTOR FOR FSJ250 CABLE	COMMSCOPE TECHNOLOGI
DDN9769	F1TNM-HC	F1TNM-HC 1/4" TYPE N MALE CONNECTOR FOR FSJ1-50A CABLE	COMMSCOPE TECHNOLOGI
DDN9817	R8-TC	R8-TC TRANSIT CASE WITH FOAM MOLDING FOR R8000	FREEDOM COMMUNICATIO
DDN9818	R8-TSC	R8-TSC TRANSIT CASE WITH FOAM MOLDING FOR SOFT CASE	FREEDOM COMMUNICATIO
DDN9819	R8-HC	R8-HC PROTECTIVE GLOVE CASE WITH LCD PROTECTION	FREEDOM COMMUNICATIO
DDN9836	AC24009	DMM TEST LEADS / AC24009	AEROFLEX WICHITA INC
DDN9837	AC24011	10 AMP CURRENT SHUNT 0.01 OHM / AC24011 / R1794A	AEROFLEX WICHITA INC
DDN9840	AC25012	SOFT PADDED CARRYING CASE FOR AEROFLEX 3920 / AC25012	AEROFLEX WICHITA INC
DDN9841	AC25013	KIT, 10/20 DB PADS, TNC / AC25013	AEROFLEX WICHITA INC
DDN9842	AC25014	SCOPE PROBE KIT / AC25014	AEROFLEX WICHITA INC
DDN9845	AC25029	ACCESSORY POUCH / AC25029	AEROFLEX WICHITA INC
DDN9846	AC25036	DC TO AC CONVERTER, 12VDC TO 110-120VAC / AC25036	AEROFLEX WICHITA INC
DDN9847	AC25042	ANTENNA BNC 50 MHZ / AC25042	AEROFLEX WICHITA INC
DDN9851	AC25059	6 DB / 150 WATT 1.5 GHZ ATTENUATOR / AC25059 / RRDN6901A	AEROFLEX WICHITA INC
DDN9852	AC25060	10 DB / 150 WATT 1.5 GHZ ATTENUATOR / AC25060 / RRDN6902A	AEROFLEX WICHITA INC
DDN9853	AC25061	50 OHM 250 WATT 5 GHZ TERMINATION / AC25061 / RRDN6903A	AEROFLEX WICHITA INC
DDN9854	AC25081	SITE SURVEY SOFTWARE / AC25081	AEROFLEX WICHITA INC
DDN9855	AC4105	RETURN LOSS BRIDGE 1.3 GHZ / AC4105	AEROFLEX WICHITA INC
DDN9856	AC8645	MICROPHONE / AC8645	AEROFLEX WICHITA INC
DDN9857	CALFB392X	CALIBRATION CERTIFICATE / CALFB392X	AEROFLEX WICHITA INC
DQ20216101	202161-01	BREAKOUT BOX FOR APX & XTL MOBILES AUDIO TESTS	FREEDOM COMMUNICATIO
DQ390XOPT604	390XOPT604	APX-7000 AUTOTEST & ALIGNMENT/ 390XOPT604	AEROFLEX WICHITA INC
DQ3920B23195	QUOTE - 23195	3920B SERIES RADIO TEST SET W/OPTS PER QUOTE - FISHER WIRELESS SRVCS	AEROFLEX WICHITA INC
DQ8800SX23163	QUOTE - 23163	8800SX SERIES RADIO TEST SET W/OPTS PER QUOTE - RADIO COMM SERVICES	AEROFLEX WICHITA INC
DQ8800SX23196	QUOTE - 23196	8800SX SERIES RADIO TEST SET W/OPTS PER QUOTE - FISHER WIRELESS SRVCS	AEROFLEX WICHITA INC
DQR8VSWR	R8-VSWR	R8000 ANTENNA BRIDGE KIT	FREEDOM COMMUNICATIO
DS01009420001	1009420001	ODU-A 28GHZ, TR1008, LO, B1 (27520.0 - 28025.0 MHZ), RECTANGULAR WG,	CAMBIUM NETWORKS LIM
DS01009420002	1009420002	ODU-A 28GHZ, TR1008, LO, B1 ((28528.0 - 29033.0 MHZ), RECTANGULAR WG,	CAMBIUM NETWORKS LIM
DS01009420003	1009420003	ODU-A 28GHZ, TR1008, LO, B1 (27968.0 - 28473.0 MHZ), RECTANGULAR WG,	CAMBIUM NETWORKS LIM
DS01009420004	1009420004	ODU-A 28GHZ, TR1008, LO, B1 (28976.0 - 29481.0 MHZ), RECTANGULAR WG,	CAMBIUM NETWORKS LIM
DS01009504002	1009504002	DRYLINE DEHYDRATOR, LOW-PRESSURE MEMBRANE, WALL MOUNTABLE, 115	CAMBIUM NETWORKS LIM
DS01010208001	1010208001	ODU-A 11GHZ, TR 490&500,LO,B5(10700.0-10890.0 MHZ), RECTANGULAR WG,	CAMBIUM NETWORKS LIM
DS01010208002	1010208002	ODU-A 11GHZ,TR 490&500,HI,B5 11200.0-11390.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010208003	1010208003	ODU-A 11GHZ,TR 490&500,LO,B6 (10855.0-11045.0 MHZ), RECTANGULAR WG,	CAMBIUM NETWORKS LIM
DS01010208004	1010208004	ODU-A 11GHZ,TR490&500,HI,B6 11355.0-11545.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM



DS01010208005	1010208005	ODU-A 11GHZ, TR 490 & 500, LO, B7(11010.0 - 11200.0 MHZ), RECTANGULAR	CAMBIUM NETWORKS LIM
DS01010208006	1010208006	ODU-A 11GHZ, TR490&500,HI,B7(11510.0-11700.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010208007	1010208007	ODU-A 11GHZ, TR530, LO, B1 (10675.0 - 10855.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010208008	1010208008	ODU-A 11GHZ, TR530, HI, B1 (11205.0 - 11385.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010209001	2.50E+12	ODU-A 18GHZ, TR1010&1008, LO,B1(17685.0 - 17985.0 MHZ),RECTANGULAR V	CAMBIUM NETWORKS LIM
DS01010209002	1010209002	ODU-A 18GHZ,TR1010&1008, HI,B1(18695.0 - 18995.0 MHZ), RECTANGULAR W	CAMBIUM NETWORKS LIM
DS01010209003	1010209003	ODU-A 18GHZ, TR1010 & 1008, LO, B2 (17930.0 - 18230.0 MHZ),RECTANGULAR	CAMBIUM NETWORKS LIM
DS01010209004	1010209004	ODU-A 18GHZ, TR1010 & 1008, LO, B2 (18940.0 - 19240.0 MHZ),RECTANGULAR	CAMBIUM NETWORKS LIM
DS01010209005	1010209005	ODU-A 18GHZ, TR1010 & 1008, LO, B2 (18180.0 - 18480.0 MHZ),RECTANGULAR	CAMBIUM NETWORKS LIM
DS01010209006	1010209006	ODU-A 18GHZ, TR1010 & 1008, LO, B2 (19190.0 - 19490.0MHZ),RECTANGULAR	CAMBIUM NETWORKS LIM
DS01010209007	1010209007	ODU-A 18GHZ, TR1010 & 1008, LO, B2 (18400.0 - 18700.0 MHZ),RECTANGULAR	CAMBIUM NETWORKS LIM
DS01010209008	1010209008	ODU-A 18GHZ, TR1010 & 1008, LO, B2 (19410.0 - 19710.0 MHZ),RECTANGULAR	CAMBIUM NETWORKS LIM
DS01010209013	1010209013	ODU-A 18GHZ,TR1560,LO,B3 (17700.0 - 18140.0 MHZ),RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010209014	1010209014	ODU-A 18GHZ,TR1560,HI,B3 (19260.0 - 19700.0 MHZ),RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010210001	1010210001	ODU-A,23GHZ,TR1008,LO,B1(21994.0-22330.0 MHZ),RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010210002	1010210002	ODU-A,23GHZ,TR1008,LO,B1(23002.0-23338.0 MHZ),RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010210003	1010210003	ODU-A,23GHZ,TR1008,LO,B1(22274.0-22610.0 MHZ),RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010210004	1010210004	ODU-A,23GHZ,TR1008,LO,B1(23282.0-23618.0 MHZ),RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010210005	1010210005	ODU-A,23GHZ,TR1200,LO,B5,21200-21600MHZ,RCTNGLR WG,NEG POL	CAMBIUM NETWORKS LIM
DS01010210006	1010210006	ODU-A 23GHZ, TR1200, HI, B5 (22400.0 - 22800.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010210007	1010210007	ODU-A 23GHZ, TR1200, LO, B6 (21600.0 - 22000.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010210008	1010210008	ODU-A 23GHZ, TR1200, HI, B6 (22800.0 - 23200.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010210009	1010210009	ODU-A 23GHZ, TR1200, LO, B7 (22000.0 - 22400.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010210010	1010210010	ODU-A 23GHZ, TR1200, HI, B7 (23200.0 - 23600.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010403001	1010403001	ODU-A 26GHZ, TR800, LO, B1 (24250.0 - 24450.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010403002	1010403002	ODU-A 26GHZ, TR800, LO, B1 (25050.0 - 25250.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010403003	1010403003	ODU-A 26GHZ, TR800, LO, B1 (24549.0 - 24885.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010403004	1010403004	ODU-A 26GHZ, TR800, LO, B1 ((25557.0 - 25893.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010403005	1010403005	ODU-A 26GHZ, TR800, LO, B1 (24829.0 - 25165.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010403006	1010403006	ODU-A 26GHZ, TR800, LO, B1 (25837.0 - 26173.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010403007	1010403007	ODU-A 26GHZ, TR800, LO, B1 (25109.0 - 25445.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010403008	1010403008	ODU-A 26GHZ, TR800, LO, B1, (26117.0 - 26453.0 MHZ) RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010411007	1010411007	ODU-A 6GHZ,TR252, LO, B1 (5925.0 - 6025.0 MHZ), RECTANGULAR WG, NEG PC	CAMBIUM NETWORKS LIM
DS01010411008	1010411008	ODU-A 6GHZ,TR252, HI, B1 (6175.0- 6275.0 MHZ), RECTANGULAR WG, NEG PO	CAMBIUM NETWORKS LIM
DS01010411009	1010411009	ODU-A 6GHZ,TR252, LO, B2 (6000.0 - 6100.0 MHZ), RECTANGULAR WG, NEG PC	CAMBIUM NETWORKS LIM
DS01010411010	1010411010	ODU-A 6GHZ,TR252, HI, B2 (6250.0 - 6350.0 MHZ), RECTANGULAR WG, NEG PC	CAMBIUM NETWORKS LIM
DS01010411011	1010411011	ODU-A 6GHZ,TR252, LO, B3 (6075.0 - 6175.0 MHZ), RECTANGULAR WG, NEG PC	CAMBIUM NETWORKS LIM
DS01010411012	1010411012	ODU-A 6GHZ,TR252, HI, B3 (6325.0 - 6425.0 MHZ), RECTANGULAR WG, NEG PC	CAMBIUM NETWORKS LIM
DS01010411022	1010411022	ODU-A 6GHZ, TR160, HI, B1, RWG, NP	CAMBIUM NETWORKS LIM
DS01010411023	1010411023	ODU-A 6GHZ, TR160, HI, B2, RWG, NEG	CAMBIUM NETWORKS LIM
DS01010411024	1010411024	ODU-A 6GHZ, TR160, LO, B1, RWG, NP	CAMBIUM NETWORKS LIM
DS01010411025	1010411025	ODU-A 6GHZ, TR160, LO, B2, RWG, NEG	CAMBIUM NETWORKS LIM
DS01010411026	1010411026	ODU-A 6GHZ, TR170, HI, B1, RWG, NEG	CAMBIUM NETWORKS LIM
DS01010411027	1010411027	ODU-A 6GHZ, TR170, LO, B1, RWG, NEG	CAMBIUM NETWORKS LIM
DS01010419001	1010419001	CABLE GROUNDING KITS FOR 1/4 INCH AND 3/8 INCH CABLE	CAMBIUM NETWORKS LIM
DS01010430001	1010430001	SFP SX GIG-E OPTICAL PLUGGABLE MODULE - 850 NM	CAMBIUM NETWORKS LIM
DS01010431001	1010431001	SFP LX GIG-E OPTICAL PLUGGABLE MODULE - 1310 NM	CAMBIUM NETWORKS LIM
DS01010433001	1010433001	ODU-A 38GHZ, TR700, HI, B4 (38864.0 - 39452.0 MHZ), CIRCULAR WG	CAMBIUM NETWORKS LIM
DS01010433002	1010433002	ODU-A 38GHZ, TR700, LO, B1 (38595.0 - 38805.0 MHZ), CIRCULAR WG	CAMBIUM NETWORKS LIM
DS01010433003	1010433003	ODU-A 38GHZ, TR700, HI, B1 (39295.0 - 39505.0 MHZ), CIRCULAR WG	CAMBIUM NETWORKS LIM
DS01010433004	1010433004	ODU-A 38GHZ, TR700, LO, B2 (38795.0 - 39005.0 MHZ), CIRCULAR WG	CAMBIUM NETWORKS LIM
DS01010433005	1010433005	ODU-A 38GHZ, TR700, HI, B2 (39495.0 - 39705.0 MHZ), CIRCULAR WG	CAMBIUM NETWORKS LIM
DS01010433006	1010433006	ODU-A 38GHZ, TR700, LO, B3 (38995.0 - 39205.0 MHZ), CIRCULAR WG	CAMBIUM NETWORKS LIM
DS01010433007	1010433007	ODU-A 38GHZ, TR700, HI, B3 (39695.0 - 39905.0 MHZ), CIRCULAR WG	CAMBIUM NETWORKS LIM
DS01010433008	1010433008	ODU-A 38GHZ, TR700, LO, B4 (39195.0 - 39405.0 MHZ), CIRCULAR WG	CAMBIUM NETWORKS LIM
DS01010433009	1010433009	ODU-A 38GHZ, TR700, HI, B4 (39895.0 - 40105.0 MHZ), CIRCULAR WG	CAMBIUM NETWORKS LIM
DS01010433010	1010433010	ODU-A 38GHZ, TR700, HI, B4 (37044.0 - 37632.0 MHZ), CIRCULAR WG	CAMBIUM NETWORKS LIM
DS01010433011	1010433011	ODU-A 38GHZ, TR700, HI, B4 (38304.0 - 38892.0 MHZ), CIRCULAR WG	CAMBIUM NETWORKS LIM
DS01010433012	1010433012	ODU-A 38GHZ, TR700, HI, B4 (37604.0 - 38192.0 MHZ), CIRCULAR WG	CAMBIUM NETWORKS LIM
DS01010583001	1010583001	ODU-A 13GHZ, TR266, LO, B1 (12751.0 - 12814.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010583002	1010583002	ODU-A 13GHZ, TR266, LO, B1 ((13017.0 - 13080.0 MHZ) RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010583003	1010583003	ODU-A 13GHZ, TR266, LO, B1 (12807.0 - 12870.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010583004	1010583004	ODU-A 13GHZ, TR266, LO, B1 (13073.0 - 13136.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010583005	1010583005	ODU-A 13GHZ, TR266, LO, B3 (12863.0 - 12926.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010583006	1010583006	ODU-A 13GHZ, TR266, LO, B1 (13129.0 - 13192.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010583007	1010583007	ODU-A 13GHZ, TR266, LO, B1 ((12919.0 - 12982.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010583008	1010583008	ODU-A 13GHZ, TR266, LO, B1 ((13185.0 - 13248.0 MHZ)), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584001	1010584001	ODU-A 15GHZ, TR420, LO, B4 (14501.0 - 14613.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584002	1010584002	ODU-A 15GHZ, TR420, LO, B4 (14921.0 - 15033.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584003	1010584003	ODU-A 15GHZ, TR420, LO, B4 (14606.0 - 14725.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584004	1010584004	ODU-A 15GHZ, TR420, LO, B4 (15026.0 - 15145.0 MHZ)	CAMBIUM NETWORKS LIM

DS01010584005	1010584005	ODU-A 15GHZ, TR420, LO, B4 (14718.0 - 14837.0 MHZ)	CAMBIUM NETWORKS LIM
DS01010584006	1010584006	ODU-A 15GHZ, TR420, LO, B4 (15138.0 - 15257.0 MHZ)	CAMBIUM NETWORKS LIM
DS01010584007	1010584007	ODU-A 15GHZ, TR420, LO, B4 (14816.0 - 14928.0 MHZ)	CAMBIUM NETWORKS LIM
DS01010584008	1010584008	ODU-A 15GHZ, TR420, LO, B4 (15236.0 - 15348.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584009	1010584009	ODU-A 15GHZ, TR420, LO, B4 (14403.0 - 14522.0 MHZ) RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584010	1010584010	ODU-A 15GHZ, TR420, LO, B4 (14893.0 - 15012.0 MHZ) RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584011	1010584011	ODU-A 15GHZ, TR420, LO, B4 (14515.0 - 14634.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584012	1010584012	ODU-A 15GHZ, TR420, LO, B4 (15005.0 - 15124.0 MHZ) RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584013	1010584013	ODU-A 15GHZ, TR420, LO, B4 (14627.0 - 14746.0 MHZ),RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584014	1010584014	ODU-A 15GHZ, TR420, LO, B4 (15117.0 - 15236.0 MHZ) RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584015	1010584015	ODU-A 15GHZ, TR420, LO, B4 (14739.0 - 14858.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584016	1010584016	ODU-A 15GHZ, TR420, LO, B4 (15229.0 - 15348.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584020	1010584020	ODU-A 15GHZ, TR420, LO, B4 (14500.0 - 14625.0 MHZ) RECTANGULAR WG,	CAMBIUM NETWORKS LIM
DS01010584021	1010584021	ODU-A 15GHZ, TR420, LO, B4 (15228.0 - 15353.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584022	1010584022	ODU-A 15GHZ, TR420, LO, B4 (14627.0 - 14746.0 MHZ) RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584023	1010584023	ODU-A 15GHZ, TR420, LO, B4 (14942.0 - 15061.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584024	1010584024	ODU-A 15GHZ, TR420, LO, B4 (14725.0 - 14844.0 MHZ) RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584025	1010584025	ODU-A 15GHZ, TR420, LO, B4 (15040.0 - 15159.0 MHZ)RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584026	1010584026	ODU-A 15GHZ, TR420, LO, B4 (14823.0 - 14942.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584027	1010584027	ODU-A 15GHZ, TR420, LO, B4 (15138.0 - 15257.0 MHZ) RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584028	1010584028	ODU-A 15GHZ, TR420, LO, B4 (14400.0 - 14512.0 MHZ) RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS01010584029	1010584029	ODU-A 15GHZ, TR420, LO, B4 (15044.0 - 15156.0 MHZ)), RECTANGULAR WG,	CAMBIUM NETWORKS LIM
DS01010584030	1010584030	ODU-A 15GHZ, TR420, LO, B4 (14498.0 - 14610.0 MHZ) RECTANGULAR WG, NEG	CAMBIUM NETWORKS LIM
DS01010584031	1010584031	ODU-A 15GHZ, TR420, LO, B4 (15142.0 - 15254.0 MHZ), RECTANGULAR WG, N	CAMBIUM NETWORKS LIM
DS01010584032	1010584032	ODU-A 15GHZ, TR420, LO, B4 (14596.0 - 14708.0 MHZ)RECTANGULAR WG, NE	CAMBIUM NETWORKS LIM
DS01010584033	1010584033	ODU-A 15GHZ, TR420, LO, B4 (15240.0 - 15352.0 MHZ),RECTANGULAR WG, N	CAMBIUM NETWORKS LIM
DS01010589001	1010589001	RF CNNCTR,N,MALE,RT ANGL 400 CBL	CAMBIUM NETWORKS LIM
DS01010610001	1010610001	ODU-A 7GHZ, TR154, LO, B1 (7428.0 - 7484.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010610002	1010610002	ODU-A 7GHZ, TR154, HI, B1 (7582.0 - 7638.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010610005	1010610005	ODU-A 7GHZ, TR154, LO, B3 (7512.0 - 7568.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010610006	1010610006	ODU-A 7GHZ, TR154, HI, B3 (7666.0 - 7722.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010610027	1010610027	ODU-A 7GHZ, TR161, LO, B8 (7344.0 - 7407.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010610068	1010610068	ODU-A 7GHZ, TR300, LO, B1 (7090.0 - 7210.0 MHZ)	CAMBIUM NETWORKS LIM
DS01010610069	1010610069	ODU-A 7GHZ, TR300, HI, B1 (7390.0 - 7510.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010610072	1010610072	ODU-A 7GHZ, TR300, LO, B3 (7330.0 - 7450.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010610073	1010610073	ODU-A 7GHZ, TR300, HI, B3 (7630.0 - 7750.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611001	1010611001	ODU-A 8GHZ, TR119 / 126, LO, B1 (8279.0 - 8307.0 MHZ), CIRCULAR WG, NE	CAMBIUM NETWORKS LIM
DS01010611002	1010611002	ODU-A 8GHZ, TR119 / 126, HI, B1 (8398.0 - 8426.0 MHZ), CIRCULAR WG, NE	CAMBIUM NETWORKS LIM
DS01010611003	1010611003	ODU-A 8GHZ, TR119 / 126, LO, B2 (8293.0 - 8321.0 MHZ), CIRCULAR WG, NE	CAMBIUM NETWORKS LIM
DS01010611004	1010611004	ODU-A 8GHZ, TR119 / 126, HI, B2 (8412.0 - 8440.0 MHZ), CIRCULAR WG, NE	CAMBIUM NETWORKS LIM
DS01010611005	1010611005	ODU-A 8GHZ, TR119 / 126, LO, B3 (8307.0 - 8335.0 MHZ), CIRCULAR WG, NE	CAMBIUM NETWORKS LIM
DS01010611006	1010611006	ODU-A 8GHZ, TR119 / 126, HI, B3 (8426.0 - 8454.0 MHZ), CIRCULAR WG, NE	CAMBIUM NETWORKS LIM
DS01010611007	1010611007	ODU-A 8GHZ, TR119 / 126, LO, B4 (8321.0 - 8349.0 MHZ), CIRCULAR WG, NE	CAMBIUM NETWORKS LIM
DS01010611008	1010611008	ODU-A 8GHZ, TR119 / 126, HI, B4 (8440.0 - 8468.0 MHZ), CIRCULAR WG, NE	CAMBIUM NETWORKS LIM
DS01010611009	1010611009	ODU-A 8GHZ, TR119 / 126, LO, B5 (8335.0 - 8363.0 MHZ), CIRCULAR WG, NE	CAMBIUM NETWORKS LIM
DS01010611010	1010611010	ODU-A 8GHZ, TR119 / 126, HI, B5 (8454.0 - 8482.0 MHZ), CIRCULAR WG, NE	CAMBIUM NETWORKS LIM
DS01010611021	1010611021	ODU-A 8GHZ, TR208, LO, B2 (8099.0 - 8169.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611022	1010611022	ODU-A 8GHZ, TR208, HI, B2 (8307.0 - 8377.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611023	1010611023	ODU-A 8GHZ, TR208, LO, B3 (8155.0 - 8225.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611024	1010611024	ODU-A 8GHZ, TR208, HI, B3 (8363.0 - 8433.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611025	1010611025	ODU-A 8GHZ, TR208, LO, B4 (8211.0 - 8281.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611026	1010611026	ODU-A 8GHZ, TR208, HI, B4 (8419.0 - 8489.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611027	1010611027	ODU-A 8GHZ, TR266, LO, B1 (7905.0 - 8024.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611028	1010611028	ODU-A 8GHZ, TR266, HI, B1 (8171.0 - 8290.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611029	1010611029	ODU-A 8GHZ, TR266, LO, B2 (8017.0 - 8136.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611030	1010611030	ODU-A 8GHZ, TR266, HI, B2 (8283.0 - 8402.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611031	1010611031	ODU-A 8GHZ, TR311, LO, B2 (7835.0 - 7971.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611032	1010611032	ODU-A 8GHZ, TR311, HI, B2 (8146.0 - 8282.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611033	1010611033	ODU-A 8GHZ, TR311, LO, B3 (7717.0 - 7867.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611034	1010611034	ODU-A 8GHZ, TR311, HI, B3 (8028.0 - 8178.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611036	1010611036	ODU-A 8GHZ, TR360, LO, B1 (7750.0 - 7870.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611037	1010611037	ODU-A 8GHZ, TR360, HI, B1 (8110.0 - 8230.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611038	1010611038	ODU-A 8GHZ, TR360, LO, B2 (7870.0 - 7990.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611039	1010611039	ODU-A 8GHZ, TR360, HI, B2 (8230.0 - 8350.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611040	1010611040	ODU-A 8GHZ, TR360, LO, B3 (7990.0 - 8110.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010611041	1010611041	ODU-A 8GHZ, TR360, HI, B3 (8350.0 - 8470.0 MHZ), CIRCULAR WG, NEG POL	CAMBIUM NETWORKS LIM
DS01010612001	1010612001	ODU-A 32GHZ, TR812, LO, B1 (31815.0 - 32207.0 MHZ), RECTANGULAR WG, NE	CAMBIUM NETWORKS LIM
DS01010612002	1010612002	ODU-A 32GHZ, TR812, LO, B1 (32627.0 - 33019.0 MHZ), RECTANGULAR WG, NE	CAMBIUM NETWORKS LIM
DS01010612003	1010612003	ODU-A 32GHZ, TR812, LO, B1 (32179.0 - 32571.0 MHZ), RECTANGULAR WG, NE	CAMBIUM NETWORKS LIM
DS01010612004	1010612004	ODU-A 32GHZ, TR812, LO, B1 (32991.0 - 33383.0 MHZ), RECTANGULAR WG, NE	CAMBIUM NETWORKS LIM
DS0180302E82	1.80E+87	ISOLATION TRANSFORMER FOR BASEBAND OUTPUT, 0180302E82	FREEDOM COMMUNICATIO

DS0180302E83	1.80E+88	ISOLATION TRANSFORMER FOR METER INPUT, 0180302E83	FREEDOM COMMUNICATIO
DS07009303001	7009303001	ODU MOUNT L-BRACKET, 6G, WR112	CAMBIUM NETWORKS LIM
DS07009303005	7009303005	ODU MAN FXTR	CAMBIUM NETWORKS LIM
DS07009304001	7009304001	HOISTING GRIP FOR CNT-400 CABLE	CAMBIUM NETWORKS LIM
DS07009343001	7009343001	GROUNDING KIT FOR WAVEGUIDE EWP52 AND EWP63	CAMBIUM NETWORKS LIM
DS07009343002	7009343002	GROUNDING KIT FOR WAVEGUIDE EWP90	CAMBIUM NETWORKS LIM
DS07009344001	7009344001	HOISTING GRIP FOR WAVEGUIDE EWP52 AND EWP63	CAMBIUM NETWORKS LIM
DS07009344002	7009344002	HOISTING GRIP FOR WAVEGUIDE EWP90	CAMBIUM NETWORKS LIM
DS07010109003	7010109003	ODU REMOTE MOUNT KIT 11-13 GHZ - UBR120 OUTPUT	CAMBIUM NETWORKS LIM
DS07010109005	7010109005	ODU REMOTE MOUNT KIT 18-26 GHZ - UBR220 OUTPUT	CAMBIUM NETWORKS LIM
DS07010109008	7010109008	ODU REMOTE MOUNT KIT 6 GHZ - UBR320	CAMBIUM NETWORKS LIM
DS07010110001	7010110001	ODU COUPLER MOUNTING KIT 7 GHZ - 3DB	CAMBIUM NETWORKS LIM
DS07010110002	7010110002	ODU COUPLER MOUNTING KIT 7 GHZ - 6DB	CAMBIUM NETWORKS LIM
DS07010110004	7010110004	ODU COUPLER MOUNTING KIT 8 GHZ - 6DB	CAMBIUM NETWORKS LIM
DS07010110005	7010110005	ODU COUPLER MOUNTING KIT 11 GHZ - 3DB	CAMBIUM NETWORKS LIM
DS07010110006	7010110006	ODU COUPLER MOUNTING KIT 11 GHZ - 6DB	CAMBIUM NETWORKS LIM
DS07010110011	7010110011	ODU COUPLER MOUNTING KIT 18 GHZ - 3DB	CAMBIUM NETWORKS LIM
DS07010110012	7010110012	ODU COUPLER MOUNTING KIT 18GHZ - 6DB	CAMBIUM NETWORKS LIM
DS07010110013	7010110013	ODU COUPLER MOUNTING KIT 23 GHZ - 3DB	CAMBIUM NETWORKS LIM
DS07010110014	7010110014	ODU COUPLER MOUNTING KIT 23 GHZ - 6DB	CAMBIUM NETWORKS LIM
DS07010110022	7010110022	ODU COUPLER MOUNTING KIT 6GHZ - 6DB	CAMBIUM NETWORKS LIM
DS07010118001	7010118001	WR137 FLEX-TWIST HANGER KIT - 6 GHZ	CAMBIUM NETWORKS LIM
DS07010118003	7010118003	WR75 FLEX TWIST HANGER KIT,11-13GHZ	CAMBIUM NETWORKS LIM
DS07010118005	7010118005	WR42 FLEX TWIST HANGER KIT,18-26GHZ	CAMBIUM NETWORKS LIM
DS09009399001	9009399001	FIXED-TUNED CPR137G CONNECTOR FOR EWP52	CAMBIUM NETWORKS LIM
DS09009399002	9009399002	FIXED-TUNED CPR90G CONNECTOR FOR EWP90	CAMBIUM NETWORKS LIM
DS09009399003	9009399003	FIXED-TUNED CPR137G CONNECTOR FOR EWP63	CAMBIUM NETWORKS LIM
DS09010091001	9010091001	RF CONNCTR,N,MALE,STRT FOR -400 CBL	CAMBIUM NETWORKS LIM
DS091009315001	91009315001	TX FILTER ASSEMBLY,6G, 10/30MHZ	CAMBIUM NETWORKS LIM
DS091009315004	91009315004	RX FILTER ASSEMBLY,6G, 10/30MHZ	CAMBIUM NETWORKS LIM
DS1010127R	1010-127-R	ATTENUATOR, 30 DB, 150W, DC TO 3 GHZ, N(M)- N(F)	ANRITSU COMPANY
DS1010128R	1010-128-R	ATTENUATOR, 40 DB, 150W, DC TO 3 GHZ, NM - NF	ANRITSU COMPANY
DS1090CKBA	1090CKHH	ASSY,PRD OTH,CMM4 W/RUGGEDIZED SW AND GPS	CAMBIUM NETWORKS LIM
DS1091420R	1091-420-R	DUAL DIRECTIONAL COUPLER, 40DB, 200W CW, 80-1000 MHZ	ANRITSU COMPANY
DS1091AA	1091HH	CMM4 NO SWITCH	CAMBIUM NETWORKS LIM
DS1092AA	1092AA	ASSEMBLY,CMM4 RACK MOUNT ASSEMBLY	CAMBIUM NETWORKS LIM
DS1092HH	1092HH	ASSEMBLY,CMM4 RACK MOUNT ASSEMBLY	CAMBIUM NETWORKS LIM
DS1096A	1096H	UNIVERSAL GPS MODULE	CAMBIUM NETWORKS LIM
DS112861	112861	MICROPHONE FOR 8800	AEROFLEX WICHITA INC
DS113613	113613	8800 SERIES OP/ICW MANUAL (CD ONLY) (ONE SUPPLIED STANDARD)	AEROFLEX WICHITA INC
DS113614	113614	8800 SERIES MAINTENANCE MANUAL (CD ONLY)	AEROFLEX WICHITA INC
DS113615	113615	8800 SERIES MANUAL GETTING STARTED (PAPER - ONE IS SUPPLIED STANDAR	AEROFLEX WICHITA INC
DS114312	114312	RACKMOUNT KIT FOR 8800	AEROFLEX WICHITA INC
DS114348	114348	PRECISION DTF VSWR ACCESSORY KIT FOR 8800	AEROFLEX WICHITA INC
DS114475	114475	ANTENNA KIT FOR 8800	AEROFLEX WICHITA INC
DS114477	114477	HARD TRANSIT CASE FOR 8800	AEROFLEX WICHITA INC
DS114478	114478	SOFT-SIDED CARRYING CASE FOR 8800	AEROFLEX WICHITA INC
DS114479	114479	EXTERNAL BATTERY CHARGER	AEROFLEX WICHITA INC
DS11652COM	11652	STAINLESS STEEL STRAP ADJUSTABLE FROM 1 1/2 TO 3 1/2 PKG OF 10	COMMSCOPE TECHNOLOGI
DS11729503	11729-503	CHATSWORTH DBL SIDED RCK 11729-503	ANIXTER INC
DS11791718	11791-718	SWING GATE WALL RACK 21RU 18IND 2 POST	ANIXTER INC
DS11840748	QOUTE 48679/CPI 11840-748	CHATSWORTH CUBE IT WALLMOUNT CAB, SOLID METAL DOOR, 48HX19WX24I	ANIXTER INC
DS11914719	CPI 11914-719	CHATSWORTH 32 IN DEEP SLIDING SHELF NON VENTED, BLACK	ANIXTER INC
DS11960718	11960-718	FIXED WALL MOUNT EQUIPMENT RACK 12RU	ANIXTER INC
DS11WL	11WL	TEMPERATURE PROBE FOR LMHF SYSTEM, 24 FT	LAMARCHE MFG CO
DS12086719	12086-719	CHATSWORTH 19W INCH ADJUSTABLE TIE-DOWN TOWER BRACKET-BLACK	GRAYBAR ELECTRIC CO
DS12091719	12091-719	CHATSWORTH TIE DOWN BRACKET-BLACK	GRAYBAR ELECTRIC CO
DS121000PS	12-1000 PS	INVERTER, 1000W 12V INPUT 115V OUTPUT, PS SERIES	NEWMAR
DS12312201	12312-201	CHATSWORTH EQUIPMENT SUPPORT BRACKET CLR BIEGE	ANIXTER INC
DS12334719	12334-719	CHATSWORTH 19WX24D INCH ALUMINUM FIXED SHELF MEGAFRAME SOLID - I	ANIXTER INC
DS12337719	12337-719	FIXED SHELF VENTED, 19INW X 3.5INH X 18IND 460 MM BLACK	ANIXTER INC
DS123951	12395-1	100 FT. SST WRAPLOCK,	COMMSCOPE TECHNOLOGI
DS12495719	12495-719	23 SHELF MNTR KB M 19IN MF BK	ANIXTER INC
DS1270040000	SFP-17AD	SFP GE,DDM,TX-1310NM,RX-1490NM,SM(SINGLE FIBER),LASER (WDM), 6.2 MI	RAD DATA COMMUNICATI
DS1270430000	SFP-17BD	SFP GE,DDM,TX -1490NM,RX -1310 NM,SM(SINGLE FIBER),LASER (WDM),6.2MI	RAD DATA COMMUNICATI
DS1273470000	SFP-23AED	SFP GE,DDM,TX -1310NM,RX -1550NM,SM(SINGLE FIBER),LASER(WDM),24.8 M	RAD DATA COMMUNICATI
DS1274420000	SFP-23BED	SFP GE,DDM,TX -1550NM,RX -1310NM,SM(SINGLE FIBER), LASER (WDM),24.8M	RAD DATA COMMUNICATI
DS1278010000	SFP-1	SFP MM, 1310NM, UP TO 2KM, LC, 100BASEFX OR STM1	RAD DATA COMMUNICATI
DS1278020000	SFP-2	SFP SM, 1310NM, UP TO 15KM, LC, 100BASEFX OR STM1	RAD DATA COMMUNICATI
DS1278030000	SFP-3	SFP SM, 1310NM, UP TO 40KM, LC, 100BASEFX OR STM1	RAD DATA COMMUNICATI
DS1278040000	SFP-4	SFP 100BASEFX/STM-1, SM 1550 NM, UP TO 80 KM, LC CONNECTOR	RAD DATA COMMUNICATI

DS1278050000	SFP-6	SFP SM 1310 NM LC CONNECTOR	RAD DATA COMMUNICATI
DS1278060000	SFP-5	SFP MM 850NM, UP TO 550M, LC CONNECTORS, 1000 BASE-SX	RAD DATA COMMUNICATI
DS1278070000	SFP-7	SFP SM, 1550 NM, UP TO 80 KM, LC, GbE, DDM	RAD DATA COMMUNICATI
DS1278080000	SFP-8	SFP SM, 1310NM, UP TO 40KM, LC, GBE, DDM	RAD DATA COMMUNICATI
DS1278090000	SFP-9G	SFP GIGE TWP COPPER, UP TO 100M, RJ-45 CONNECTOR (GIGE ONLY)	RAD DATA COMMUNICATI
DS1278100000	SFP-10A	SFP SF, TX1310,RX 1550, 20KM, LC, 100 BASE FX/STM1	RAD DATA COMMUNICATI
DS1278110000	SFP-10B	SFP SF, TX1550, RX1310, 20KM, LC, 100 BASEFX/STM1	RAD DATA COMMUNICATI
DS1278160000	SFP-1D	SFP MM, 1310NM, 2KM, LC, 100BASEFX OR STM1, DDM	RAD DATA COMMUNICATI
DS1278170000	SFP-7D	SFP SM,1550NM,UP TO 80 KM,LC,GBE,DDM	RAD DATA COMMUNICATI
DS1278180000	SFP-8D	SFP SM, 1310NM, 40KM, LC, GBE, DDM	RAD DATA COMMUNICATI
DS1278190000	SFP-11	SFP STM-1E, MINI BNC, DIN 1.0/2.3	RAD DATA COMMUNICATI
DS1278220000	SFP-12	SFP PLUGGABLE TRANSCEIVER, E3, SMB, COAXIAL, 135M	RAD DATA COMMUNICATI
DS1278230000	SFP-14D	SFP 1310NM MM FOR 500M STM-4 W/DDM	RAD DATA COMMUNICATI
DS1278240000	SFP-15	SFP 1310NM FOR 15 KM STM-4	RAD DATA COMMUNICATI
DS1278250000	SFP-16	SFP STM-4, LC, SME 1550 NM, 9/125, LASER 80 KM	RAD DATA COMMUNICATI
DS1278290000	SFP-9F	SFP 10/100BASE-T TWP COPPER, UP TO 100M, RJ-45 (10/100BT ONLY)	RAD DATA COMMUNICATI
DS1278310000	SFP-6D	SFP SM/13L FOR 1GBETH 10KM, DDM	RAD DATA COMMUNICATI
DS1278320000	SFP-5D	SFP FOR GIGA, MM, 850NM, 550M, DDM	RAD DATA COMMUNICATI
DS1278340000	SFP-3D	SFP FAST ETHERNET/STM-1,DDM, 1310NM 9/125 SM, G.957 L1.1, LASER, 40KIV	RAD DATA COMMUNICATI
DS1278350000	SFP-2D	SFP SM/13L (15KM)FOR 155MBPS AND FE, DDM	RAD DATA COMMUNICATI
DS1278360000	SFP-20	SFP SM 1550NM, UP TO 120KM, LC BGE	RAD DATA COMMUNICATI
DS1278370000	SFP-18B	SFP FAST ETHERNET/STM-1, SINGLE FIBER, TX1550,RX1310,LASER (WDM),40K	RAD DATA COMMUNICATI
DS1278380000	SFP-18A	SFP FAST ETHERNET/STM-1,LC,SINGLE FIBER,TX1310,RX1550,LASER (WDM),40K	RAD DATA COMMUNICATI
DS1278390000	SFP-17B	SFP GIGA BIDI TX-1490NM/RX-1310NM	RAD DATA COMMUNICATI
DS1278400000	SFP-17A	SFP GIGA BIDI TX-1310NM/RX-1490NM	RAD DATA COMMUNICATI
DS1278480000	SFP-21A	SFP SM 1550NM, UP TO 120KM, LC BGE	RAD DATA COMMUNICATI
DS1278490000	SFP-21B	SFP SM 1550NM, UP TO 120KM, LC BGE	RAD DATA COMMUNICATI
DS1278500000	SFP-23A	SFP GE,TX -1310NM, RX -1550NM, SM, (SINGLE FIBER), LASER (WDM),24.8MI	RAD DATA COMMUNICATI
DS1278510000	SFP-23B	SFP GE TX -1550NM, RX -1310NM,SM SINGLE FIBER,LASER (WDM), 24.8MI	RAD DATA COMMUNICATI
DS1278570000	SFP-2H	SFP SM 1310M up to 15KM, LC 100Basefx or stm	RAD DATA COMMUNICATI
DS1278590000	SFP-5H	SFP MM, 850NM, UP TO 550M, LC, 1000BASE-SX INDUSTRIAL -40C TO 85C	RAD DATA COMMUNICATI
DS1278600000	SFP-6H	SFP SINGLE MODE 1310NM LC CON HARDENED (OR INDUSTRIAL -40C TO 85)	RAD DATA COMMUNICATI
DS1278610000	SFP-8DH	SFP SM, 1310NM, UP TO 40KM, LC, GBE, DDM, INDUSTRIAL -40C TO 85C50N	RAD DATA COMMUNICATI
DS1278620000	SFP-8H	SFP GE,LC INDUSTRIALLY HARDENED, 1310 NM 9/125 SM LASER, 40 KM	RAD DATA COMMUNICATI
DS1278650000	SFP-24	SFP FAST ETHERNET/STM 1, 850 NM, MULTIMODE, 2 KM (1.2 MI)	RAD DATA COMMUNICATI
DS1278740000	SFP-30	SFP Multirate 10/100/1000 copper SFP	RAD DATA COMMUNICATI
DS1278760000	SFP-47DH	SFP GE, DDM, INDUSTRIALLY HARDENED, 1470 NM, CWDM, 24 DB, BUDGET	RAD DATA COMMUNICATI
DS1278770000	SFP-49DH	SFP GE, DDM, INDUSTRIALLY HARDENED, 1490 NM, CWDM, 24 DB, BUDGET	RAD DATA COMMUNICATI
DS1278780000	SFP-51DH	SFP GE, DDM, INDUSTRIALLY HARDENED, 1510 NM, CWDM, 24 DB, BUDGET	RAD DATA COMMUNICATI
DS1278820000	SFP-59DH	SFP GE DDM, INDUSTRIALLY HARDENED, 1590 NM, CWDM, 24 DB, BUDGET	RAD DATA COMMUNICATI
DS1278830000	SFP-61DH	SFP GE DDM, INDUSTRIALLY HARDENED, 1610 NM, CWDM, 24 DB, BUDGET	RAD DATA COMMUNICATI
DS1278850000	SFP-7DH	SFP GE, DDM, INDUSTRIALLY HARDENED, 1550 NM, SM, LASER 49.7 MI	RAD DATA COMMUNICATI
DS1278890000	SFP-9G/H	SFP GE, RJ 45 , 100M (238 FT), HARDENED ENCLOSURE (GIGE ONLY)	RAD DATA COMMUNICATI
DS12816702	CPI 12816-702	BASIC HORIZ PWR STRIP SGL PHASE, 125V, 15A, 8-RECEPT WCIRCUIT BREAKER	ANIXTER INC
DS12816705	12816-705	RACK MOUNT POWER STRIP 20 AMPS WITH CIRCUIT BREAKER	ANIXTER INC
DS12848757	12848-757	METERED POWER STRIP	ANIXTER INC
DS12AVR30	12AVR-30	BATTERY, EAST PENN, 12V, 30AH	ELTEK INC
DS12HPT	12-HPT	1/2IN HAND PREP TOOL, EZFIT	COMMSCOPE TECHNOLOGI
DS1316MCLICK	1316MCLICK	1316MCLICK MINIATURE CLICK-ON HANGER FOR 13 16 MM CABLE QTY 10	COMMSCOPE TECHNOLOGI
DS1325030107	1325030107	CIRCUIT BREAKER 3A 1325 STYLE BREAKER	ELTEK INC
DS1325050107	1325050107	CIRCUIT BREAKER 5A 1P (AM1) STUD AUX SW	ELTEK INC
DS1325105107	1325105107	BRKR 5A 1P (AM1) STUD AUX SW	ELTEK INC
DS1325115107	1325115107	BRKR 15A 1P (AM1) STUD AUX SW	ELTEK INC
DS1325120107	1325120107	20 AMP CIRCUIT BREAKER	ELTEK INC
DS1325125107	1325125107	BREAKER, 25AMP 1325 STYLE	ELTEK INC
DS1325130107	1325130107	CIRCUIT BREAKER, 30 AMP	ELTEK INC
DS1325140107	1325140107	40 AMP CIRCUIT BREAKER	ELTEK INC
DS1325150107	1325150107	50 AMP BREAKER, 1P (AM1) STUD AUX SW	ELTEK INC
DS1325160107	1325160107	60A BOLT IN BREAKER (REQUIRES BREAKER KIT 1-70A)	ELTEK INC
DS1325180107	1325180107	80A BOLT IN BREAKER (REQUIRES BREAKER KIT 71-100A)	ELTEK INC
DS1325210107	1325210107	100 AMP BREAKER, 1P (AM1) STUD AUX SW	ELTEK INC
DS1325210120	1325210120	BREAKER, 100 AMP	ELTEK INC
DS1376640	1376640 CDW (MFG P040-010)	TRIPP 10FT POWER CORD	CDW DIRECT LLC
DS13856703	13856-703	SEISMIC TWO POST RACK 19INW X 7FTH SQUARE PUNCHED RAIL BLACK	ANIXTER INC
DS1387344	1387344 CDW (MFG P036-002)	TRIPP 2FT POWER CABLE	CDW DIRECT LLC
DS1501039	3520-240	CORD, 1 METER SCHUKO TO C15 10A 250V BLACK ASEMBLED	TRANSTECTOR SYSTEMS
DS150DSGACODDL3PH	DSGAC	150KW DIESEL GENERATOR, 3PH, OUTDOOR HOUSING	CUMMINS NPOWER LLC
DS150SAMFN20	150-SA-MFN-20	ATTENUATOR	BIRD ELECTRONIC CORP
DS15213703	15213-703	CHATSWORTH ADJUSTABLE SERVER RACK (750 - 900 MM) 45RMU	GRAYBAR ELECTRIC CO
DS152299121	1-5229912-1	TYCO CHAMP CONN 25PR KIT MALE BLK	ANIXTER INC
DS152SE	152SE	FIXED TUNED EW CONNECTOR	COMMSCOPE TECHNOLOGI

DS15320724	15320-724	HEAVY DUTY WALL MOUNT RACK, COLOR BLACK	ANIXTER INC
DS1533P0101000	1533P 0101000	MULTI-CONDUCTOR CAT 5E NONBONDED-PAIR CABLE 4-P F/UTP CMP REEL BL	ANIXTER INC
DS158EZN	158EZN	158EZ N FEMALE CONNECTOR	COMMSCOPE TECHNOLOGI
DS158EZN	158EZN	158EZ N MALE CONNECTOR	COMMSCOPE TECHNOLOGI
DS1600000110	1600-000-110	CASE, 1600,WL/WF,BLACK PELICAN	ANIXTER INC
DS1605520	1605520	RITAL (12H X 8W X 5D INCH) BG - BUS METRIC R/H HINGED, RAL7035 NEMA 12	GRAYBAR ELECTRIC CO
DS163DZ	163DZ	SPLICE CONNECTOR	COMMSCOPE TECHNOLOGI
DS163SC	163SC	FIXED EW CONNECTOR	COMMSCOPE TECHNOLOGI
DS163SE	163SE	163SE FIXED TUNED WAVEGUIDE CONNECTOR	COMMSCOPE TECHNOLOGI
DS1680170000	OP-1551/6384/48/R/SC/13L	Optimum-1551 OC-3 mux,63XE1/84XT1,red -48VDC,SC,1310NM SM SHORT HAU	RAD DATA COMMUNICATI
DS1680380000	OP-1551/6384/STC/AC/R/SC/13L	Optimum-1551 OC-3,63 E1or84 T1s station clock,AC,dual ps,sc,1310nm SM	RAD DATA COMMUNICATI
DS161J211	161J211	1RU / RJ45 CUSTOM JACKFIELD	SWITCHCRAFT INC
DS177SE	177SE	FIXED-TUNED CPR112G FOR ELLIPTICAL WAVEGUIDE 77	COMMSCOPE TECHNOLOGI
DS1810029	1810029	BATTERY, ALPHACELL GEL 195GXL-FT, 12V, 110AH @ 20HRS TO 1.75VPC, FRON	ALPHA TECHNOLOGIES L
DS1810150	1810150	BATTERY,VRLA,48V,840AH,4X6,MSENDUR AT-15P	ALPHA TECHNOLOGIES L
DS1810206	1810206	BATTERY, 12V, 100AH, UNIGY I, 12AVR100 TOP TERMINAL - LEAD ACID	ALPHA TECHNOLOGIES L
DS18102510	181-025-10	BATTERY, 12V, 17AH, STANDARD LIFE GENERAL PURPOSE VRLA (AGM)	ALPHA TECHNOLOGIES L
DS18135210	181-352-10	BAT,VRLA,48V STRG,800AH,GNB100G17,TAL (NON-LOI)	ALPHA TECHNOLOGIES L
DS18135610	181-356-10	BATTERY, BAT,VRLA,AGM,12V 30AH,FR,UNIGYI TOP TERMINAL	ALPHA TECHNOLOGIES L
DS1850010000	VMUX-110/48/T1/24/ETH-UTP	VMUX compression mux,1-T1 port,1-UTP WAN port,2-UTP User ports,-48VDC	RAD DATA COMMUNICATI
DS1850040000	VMUX-110/48/4FXS/ETH-UTP	VMUX compression mux,4FXS ports,1-UTP WAN port,2-UTP User ports,-48VDC	RAD DATA COMMUNICATI
DS1850050000	VMUX-110/AC/4FXS/ETH-UTP	VMUX voice compression multiplexor with 4 FXS voice outputs	RAD DATA COMMUNICATI
DS1850060000	VMUX-110/AC/T1/24/ETH-UTP	VMUX compressed voice gateway AC POWER, 1 T1 -24 DS0	RAD DATA COMMUNICATI
DS1850300000	VMUX-110/AC/4FXO/ETH-UTP	VMUX compressed voice gateway AC POWER, 4 FXO CHANNELS	RAD DATA COMMUNICATI
DS1850310000	VMUX-110/AC/4E&M/ETH-UTP	VMUX compressed voice gateway AC POWER, 4 E&M CHANNELS	RAD DATA COMMUNICATI
DS1850320000	VMUX-110/AC/8FXS/ETH-UTP	VMUX compressed voice gateway AC POWER, 8 FXS CHANNELS	RAD DATA COMMUNICATI
DS1850330000	VMUX-110/AC/8FXO/ETH-UTP	VMUX compressed voice gateway AC POWER, 8 FXO CHANNELS	RAD DATA COMMUNICATI
DS1850340000	VMUX-110/AC/8E&M/ETH-UTP	VMUX COMPRESSED VOICE GATEWAY AC POWER, 8 E&M CHANNELS	RAD DATA COMMUNICATI
DS1873AW	1873-AW	OPEN END WRENCH FOR 1873 EZFIT CONNECTORS, 2-3/8 IN OPENING	COMMSCOPE TECHNOLOGI
DS1890096	1890096	KIT,SPIILL CONTAINMENT,FOR SLD BAT/CAB,28INX30IN,HAWK	ALPHA TECHNOLOGIES L
DS18922410	189-224-10	BATT HTR MAT,120V 55W,D TYPE,8X13 INCH	ALPHA TECHNOLOGIES L
DS1900160000	RM-17	RM-17: RACK MOUNT KIT	RAD DATA COMMUNICATI
DS1900490000	RM-34	RM-34 RACK MOUNT FOR 19 INCH 1U PRODUCTS	RAD DATA COMMUNICATI
DS1900540000	RM-35/P1	RM-35/P1 RACK MOUNT KIT FOR 1/2 19 INCH, 1 DEVICE PER SHELF	RAD DATA COMMUNICATI
DS1900550000	RM35/P2	RM35/P2 RACK MOUNT KIT FOR 1/2 19 INCH, 2 DEVICE PER SHELF	RAD DATA COMMUNICATI
DS1900640000	RM-33-2	RM-33-2: RACK MOUNT KIT FOR ONE OR TWO UNITS	RAD DATA COMMUNICATI
DS190DZ	190DZ	190DZ CONNECTOR EW90 SPICE ASSEMBLY	COMMSCOPE TECHNOLOGI
DS190SE	190SE	190SE EW90-CPR90G STEP-TUNED CONNECTOR	COMMSCOPE TECHNOLOGI
DS190SEM	190SEM	190SEM EW90-PDR100 STEP-TUNED CONNECTOR	COMMSCOPE TECHNOLOGI
DS1930270000	CBL-AIRMUX-UTP/25	AIRMUX CAT5, ODU-IDU/POE CABLE, 25 METERS, ASSEMBLED W/RJ45 CONNEC	RAD DATA COMMUNICATI
DS1960150000	ETX-1/AC/2SFP/4UTP/H	ETX-1 ETH DEMARC SWITCH, AC, 2 EMPTY SFP SLOTS, 4 UTP PORTS,HARDENED	RAD DATA COMMUNICATI
DS1990640000	CBL-AIRMUX-UTP/75	AIRMUX CAT5, ODU-IDU/POE CABLE, 75 METERS, ASSEMBLED W/RJ45 CONNEC	RAD DATA COMMUNICATI
DS1990720000	CBL-AIRMUX-UTP/100	AIRMUX CAT5, ODU-IDU/POE CABLE, 100 METERS,ASSEMBLED W/RJ45 CONNE	RAD DATA COMMUNICATI
DS1990730000	CBL-AIRMUX-UTP/50	AIRMUX CAT5, ODU-IDU/POE CABLE, 50 METERS, ASSEMBLED W/RJ45 CONNEC	RAD DATA COMMUNICATI
DS1992800000	AIRMUX-MHS-KIT	AIRMUX MHS KIT: PATCH PANEL 8XRJ45 Y-CONN & CABLE FOR MHS CONFIG	RAD DATA COMMUNICATI
DS1993430000	AIRMUX-HSSU	AIRMUX HSS UNIT TO CONNECT 8 COLLOCATED ODUS & 2 ADDITIONAL HSS UN	RAD DATA COMMUNICATI
DS1993460000	CBL-AIRMUX-HSS/5	AIRMUX HSS CABLE, 5M, ASSEMBLED W/RJ45 CONNECTORS	RAD DATA COMMUNICATI
DS1993470000	CBL-AIRMUX-HSS/15	AIRMUX HSS CABLE, 15M, ASSEMBLED W/RJ45 CONNECTORS	RAD DATA COMMUNICATI
DS1993480000	CBL-AIRMUX-HSS/50	AIRMUX HSS CABLE, 50M, ASSEMBLED W/RJ45 CONNECTORS	RAD DATA COMMUNICATI
DS1993490000	CBL-AIRMUX-HSS/100	AIRMUX HSS CABLE, 100M, ASSEMBLED W/RJ45 CONNECTORS	RAD DATA COMMUNICATI
DS1R482000E3	1R482000E3	RECTIFIER, ESURE, 2000W, 1U -48VDC	EMERSON NETWORK POWE
DS1R483500E	1R483500E	RECTIFIER, ESURE, 3500W, -48VDC	EMERSON NETWORK POWE
DS1USHL012	1USHL012	STANDARD RACK MOUNT SHELF FOR RELAY RACKS	ANIXTER INC
DS20001029	2000-1029	BATTERY CHARGER, NIMH W/UNIVERSAL PS - NOT AVAILABLE FOR JAPAN END	ANRITSU COMPANY
DS20001374	2000-1374	DUAL BATTERY CHARGER, LI-ION WITH UNIVERSAL POWER SUPPLY	ANRITSU COMPANY
DS20001411R	2000-1411-R	PORTABLE YAGI ANTENNA, 10 DBD, N(F), 824 MHZ ? 896 MHZ	ANRITSU COMPANY
DS20001528R	2000-1528-R	ANRITSU MAGNET MOUNT GPS ANTENNA AND CABLE	ANRITSU COMPANY
DS20001715R	2000-1715-R	DIRECTIONAL ANTENNA, 698 MHZ ? 2500 MHZ, N(F), GAIN OF 2 DBI ? 10 DBI	ANRITSU COMPANY
DS20001736R	2000-1736-R	BANDPASS FILTER, 815-850 MHZ, 50OHM, TYPE N-M AND N-F	ANRITSU COMPANY
DS20001742R	2000-1742-R	BANDPASS FILTER, 832-862 MHZ, 50OHM, TYPE N-M AND N-F	ANRITSU COMPANY
DS200928	200928	PB-XX/XXX-20 BATTERY RACK, 23 INCH 7 FT RACK	ELTEK INC
DS201193G1L	201193G1L	RACKMOUNT RAIL MOUNTING KIT FOR 4-POST CABINETS, FIXED	CELL MANAGEMENT SYST
DS201986	201986	KIT 23IN MOUNTING FOR 19IN 1U	ELTEK INC
DS2020680000	SF1/48VDC/1UTP/2RS232/LTEVZ	RUGGEDIZED SCADA-AWARE GATEWAY, 48 VDC (18-60 VDC)	RAD DATA COMMUNICATI
DS20295101	202951-01	AUDIO BREAKOUT BOX FOR KENWOOD AUTOTUNE	FREEDOM COMMUNICATIO
DS2046732	204673-2	WALL/ROOF FEED THRU PLATE, ONE 4" ENTRY, 5' X 5"	COMMSCOPE TECHNOLOGI
DS2046736	204673-6	204673-6 FEED THRU PLATE, 6 PORT ENTRANCE PANEL, 2 X 3	COMMSCOPE TECHNOLOGI
DS204919	204919	EW90 FLARING TOOL	COMMSCOPE TECHNOLOGI
DS205131	205131	48V 1105AH DDM85-27 BATTERY SET	ELTEK INC
DS205643	205643	TEMP. SENSE CABLE 10 FOOT NO LUG	ELTEK INC
DS206039	206039	BATTERY, 48V1105AH BATT DDM85-27 3WX8H STACK	ELTEK INC

DS206706A6	206706A-6	UNIVERSAL SNAP-IN HANGER FOR 5/8 IN CORRUGATED COAXIAL CABLE - PKG : COMMSCOPE TECHNOLOGI	
DS2086381447	2086381447	NEWTON 14 SPACE X1-3/4X19IN EQUIPMENT RACK TO 23IN RACK ADAPTER-BL ANIXTER INC	
DS20980015B	209800-15B	1/2" RADIAX HANGER KIT 100 PCS BLACK	COMMSCOPE TECHNOLOGI
DS20980025B	209800-25B	7/8" RADIAX HANGER KIT 50 PCS BLACK	COMMSCOPE TECHNOLOGI
DS20980047B	209800-47B	1 15/8" RADIAX HANGER KIT 25 PCS BLACK	COMMSCOPE TECHNOLOGI
DS210480	210480	CONNECTOR, POWER AC INPUT	ELTEK INC
DS211GTANKUPGA	DS211GTANKUPGA	211 GALLON SUB BASE FUEL TANK OPTION (FOR 35-50KW) ADDER DIESEL GEN: GENERAC POWER SYSTEM	
DS212200	212200	DISTRIBUTION PANEL, 4U BRKR DIST 48V 10A10B CVR BLK	ELTEK INC
DS212278	212278	FUSE PANEL	ELTEK INC
DS212477	212477	PB-XX/XXX-25 BATTERY RACK 23 IN WIDE X 7 FT HIGH SEISMIC RELAY RACK	ELTEK INC
DS212755	212755	KIT 100A BATTERY BREAKER FOR HD BT	ELTEK INC
DS212758	212758	KIT 175A BATTERY BREAKER FOR HD BT	ELTEK INC
DS213293	213293	KIT 125A BATT BRKR FOR HD BT SKU	ELTEK INC
DS214571	214571	INVERTER, 1500W 48VDC 120VAC 60HZ TERMINAL BLOCK CONNECTIONS	ELTEK INC
DS216527	216527	CBMCB: 6A 1POLE IPA FO AIRPAX	ELTEK INC
DS216816	216816	RACK, 23IN W X 6FT H, LOOSE 6 FOOT RACK R-23-6-6 38U ELTEK GRAY	ELTEK INC
DS2170190000	RVP	RV-LIC, RADVIEW LICENSE UNITS	RAD DATA COMMUNICATI
DS217035	217035	BATTERY TRAY KIT 19 INCH HEAVY DUTY	ELTEK INC
DS2170360000	RV-LIC/ENW	RADVIEW LICENSE, 1 ENW POINT	RAD DATA COMMUNICATI
DS2170370000	RV-LIC/ENW/R	RADview license,1 ENW point,redundant license	RAD DATA COMMUNICATI
DS219593	219593	BREAKER DISTRIBUTION PANEL-/+ 24/48, 1U 6/6P	ELTEK INC
DS219595	219595	BRKR 1A 1P CR15 SNAPAK	ELTEK INC
DS219597	219597	BRKR 3A 1P CR15 SNAPAK	ELTEK INC
DS219598	219598	BRKR 5A 1P CR15 SNAPAK	ELTEK INC
DS219600	219600	BRKR 10A 1P CR15 SNAPAK	ELTEK INC
DS219601	219601	BRKR 15A 1P CR15 SNAPAK	ELTEK INC
DS219602	219602	CIRCUIT BREAKER 20A	ELTEK INC
DS219603	219603	BREAKER 25A 1P CR15 SNAPAK	ELTEK INC
DS219604	219604	BREAKER 30A 1P CR15 SNAPAK	ELTEK INC
DS219G	2-19G	#2 AWG THHN, 19 STRAND, GREEN , PER FOOT	HARGER INC
DS220497	220497	220497 7/8" GROUNDING KIT, TWO HOLE, 1/4" LUG, 60", FIELD CRIMPON LUG	COMMSCOPE TECHNOLOGI
DS220498	220498	1 5/8" GROUNDING KIT, TWO HOLE 1/4" LUG, 60", FIELD CRIMP-ON	COMMSCOPE TECHNOLOGI
DS220878	220878	48V 170AH 12V170F ENERSYS BATT SET	ELTEK INC
DS222007	222007	BATTERY, 48V 1600 AH SET #DDM100-33	ELTEK INC
DS222707	222707	48V 2000AH BATTERY SET #DDM125-33	ELTEK INC
DS222708	222708	BATTERY, 48V 1300AH BATT SET# DDM100-27 3 WIDE X 8 HIGH	ELTEK INC
DS222806	222806	BATTERY, 48V 1000AH DDM100-21 BATT SET 3WX8H	ELTEK INC
DS222865	222865	BATTERY 48V 850AH DDM85-21 BATT SET 4WX6H	ELTEK INC
DS2231584	223158-4	223158-4 STD. GROUNDING KIT FOR 1/4" & 3/8" CABLE	COMMSCOPE TECHNOLOGI
DS223391	223391	DC SYS FP2-48/150A 2B 4L LVBD	ELTEK INC
DS223498	223498	DC POWER SYSTEM FP2-48/600 LVBD, REAR WIRE 672AMP MAX 48V NEGATIVE	ELTEK INC
DS223754	223754	48V 200AH BATTERY SET #2DDM50-09	ELTEK INC
DS223882	223882	BATTERY, 48V 510AH 2DDM85-13 BATT SET 6WX4H	ELTEK INC
DS224569	224569	FP2 BATT WIRE 1 125 AMP	ELTEK INC
DS224578	224578	FP2 BATT WIRE #1 200A #1 10FT 1/4	ELTEK INC
DS224589	224589	FP2 BATT WIRE #4 125A #4 1/4 REAR	ELTEK INC
DS224595	224595	BATTERY, FP2 BAT WIRE #2 200A #1 1/4 REAR G1	ELTEK INC
DS224596	224596	FP2 BATT WIRE #3 200A #1 1/4 REAR	ELTEK INC
DS225036	225036	BREAKER PANEL FILLER PLATE	ELTEK INC
DS22504612	2250-461-2 + 3600-070	OP820 REPLACEMENT SURGE CARD AND FUSE	TRANSTECTOR SYSTEMS
DS22504622	2250-462-2	SISM/FUSE REPLACEMENT ASSEMBLIES FOR THE DSOP820B2	TRANSTECTOR SYSTEMS
DS225840	225840	DC POWER SYSTEM, FP2-48/150A 2B 4L LVBD 2AC	ELTEK INC
DS226981	226981	CONVERTER, KIT DCDC CNVTR STNDALONE 3U 48VOUT	ELTEK INC
DS227968	227968	48V 190AH BATT SET # SBS190F	ELTEK INC
DS227970	227970	MOUNTING KIT, 23IN 2U	ELTEK INC
DS228476	228476	BATTERY, 12V 91AH BATT MODULE # SBS C11	ELTEK INC
DS229894	229894	DC POWER SYSTEM FP2-48/150A 6L LVBD, QTY 4 RECTIFIER POSITIONS	ELTEK INC
DS230700	230700	KIT: BATTERY MONITOR 10M G1, BATTERY MONITOR CAN BUS NODE	ELTEK INC
DS230703	230703	CABLE, CAN BUS CABLE RJ45 10METERS LONG	ELTEK INC
DS231302	231302	BATT SET,48V 570AH #6AVR95-13,INTERLOCK	ELTEK INC
DS231705	231705	DC POWER SYSTEM, FP2 -48/19 INCH 2 RU, 4 RECTIFIER POSITIONS SMARTPAC	ELTEK INC
DS232372	232372	DC POWER SYSTEM FLATPACK 2 48/300 LVBD FB SP WEB	ELTEK INC
DS233996	233996	FP2 TEMP SENSE CABLE 5/16 LUG 10M	ELTEK INC
DS234672B21	234672-B21	SLIDING SHELF 100KG/220LBS (GRAPHITE)	CDW DIRECT LLC
DS236408	236408	BLIND PANEL FP2 HE BLACK G1	ELTEK INC
DS237520	237520	DC POWER SYS FP2 48/300 AMP LVBD/LVLD 3BT 23IN RACK MT SEISMIC	ELTEK INC
DS240BPNMCCR	240BPNM-C-CR	240BPNM-C-CR CONNECTOR: CNT-240 N STRAIGHT MALE	COMMSCOPE TECHNOLOGI
DS240BPMCR	240BPM-CR	BNC MALE CONNECTOR FOR CNT-240 CABLE	COMMSCOPE TECHNOLOGI
DS240PMUCR	240PMU-CR	240PMU-CR CONNECTOR: MINI UHF MALE FOR CNT-240 BRAIDED CABLE	COMMSCOPE TECHNOLOGI
DS2410881	241088-1	241088-1 1/2INCH 2 HOLE GROUNDING KIT	COMMSCOPE TECHNOLOGI
DS2410882	241088-2	241088-2 5/8" AND 7/8" 2 HOLE GROUNDING KIT	COMMSCOPE TECHNOLOGI

DS2410884	241088-4	241088-4 1-5/8" 2 HOLE GROUNDING KIT	COMMSCOPE TECHNOLOGI
DS241114500	241114.5	CONVERTER, FP1 24/48 DC/DC, INPUT 19.8-32VDC, OUPUT 55VDC @ 23AMPS	ELTEK INC
DS241114503	241114.503	CONVERTER, FLATPACK DC/DC 48/24 G1	ELTEK INC
DS241115100	241115.1	RECTIFIER, FLATPACK II 48V 2000 W G2	ELTEK INC
DS241115105	241115.105	RECTIFIER, FLATPACK 2 48/2000 HE	ELTEK INC
DS241117130	241117.13	RECTIFIER MINIPACK 48/800 WIR G2	ELTEK INC
DS241119105	241119.105	RECTIFIER, FLATPACK2 48/3000 HE	ELTEK INC
DS241545	241545	241545 1/2IN GROUNDING KIT	COMMSCOPE TECHNOLOGI
DS241560904	241560904	MEDIA_BRAVO MODULE BLANK UNIT PLASTIC COVER	ELTEK INC
DS242100000	242100	SMARTPACK BASIC SLAVE CONTROLLER	ELTEK INC
DS242100118	242100.118	SMARTPACK WEB/SNMP 6+6 G1	ELTEK INC
DS24210040000001	242100.400.00001	COMPACT CONTROLLER -48V LVD STD WEB/SNMP, 3 RELAY CONTACTS	ELTEK INC
DS24210040000006	242100.400.00006	COMPACT +12V NO LVD (BULK) STANDARD	ELTEK INC
DS242100502VC	242100502VC	I/O MONITOR TYPE 2, 6 CONFIGURABLE INPUTS (NO,NC, DIODE MATRIX) 6 FOF	ELTEK INC
DS2430951	243095-1	243095-1 1/2" OR 7/8" CLICKON HARDWARE 3 STACK	COMMSCOPE TECHNOLOGI
DS24309510	243095-10	243095-10 1-1/4" OR 1-5/8" CLICKON HARDWARE 1 STACK	COMMSCOPE TECHNOLOGI
DS2430955	243095-5	243095-5 1/2" OR 7/8" CLICKON HARDWARE, 2 STACK	COMMSCOPE TECHNOLOGI
DS2430959	243095-9	243095-9 1/2" OR 7/8" CLICKON HARDWARE, 1 STACK, KIT OF TEN	COMMSCOPE TECHNOLOGI
DS243684	243684	243684 CLICKON ANGLE ADAPTOR 3/8", KIT OF 10	COMMSCOPE TECHNOLOGI
DS244350	244350	CLICKON CEILING ADAPTOR	COMMSCOPE TECHNOLOGI
DS244377	244377	244377 TORQUE WRENCH 1-1/4" OPENING FOR COUPLING TORQUE OF DIN CC	COMMSCOPE TECHNOLOGI
DS244379	244379	244379 13/16" TORQUE WRENCH FOR COUPLING TORQUE OF N TYPE CONNEC	COMMSCOPE TECHNOLOGI
DS2444597	244459-7	OPEN END WRENCH FOR 2-1/4 IN CONNECTORS, 2-1/4 IN OPENING	COMMSCOPE TECHNOLOGI
DS24488RM	24-48-8RM	DC-DC CONVERTER, RACK-MOUNT, 24-48 VDC @ 8 AMPS	NEWMAR
DS245172	245172	COLD SHRINK 1-5/8 IN OR 1-1/4 IN TO 1/4 IN THROUGH 1/2 IN CON	COMMSCOPE TECHNOLOGI
DS245173	245173	245173 COLD SHRINK WEATHERPROOFKIT, 1/2 TO 1/2	COMMSCOPE TECHNOLOGI
DS245174	245174	245174COLD SHRINK FOR USE WITH 7/8" TO 3/8" AND 1/2" N OR DIN TYPE COM	COMMSCOPE TECHNOLOGI
DS24531452	245314-52	SINGLE WALL/ROOF FEED THRU ASSEMBLY	COMMSCOPE TECHNOLOGI
DS24552910	245519-10 / QUOTE: 100281659	COMMSCOPE UNIVERSAL CRIMP ON GROUND LUG KIT	COMMSCOPE TECHNOLOGI
DS2456511	245651-1	6MM NYLON PLUG 100 PCS	COMMSCOPE TECHNOLOGI
DS2500520000	CBL-MP-RJ45/CROSS	E1/T1 CAPABLE FOR CONNECTING 2 MP-2100 MAIN LINK MODULES	RAD DATA COMMUNICATI
DS25005745B	250057-45B	ROUND BASE, 45 MM STAND-OFF, FOR RCT RADIAX, BLACK, BOX OF 100	COMMSCOPE TECHNOLOGI
DS250062	250062	MESSENGER WIRE TIE WRAP WITH SPACER FOR RCT RADIAX RADIATING CABLE	COMMSCOPE TECHNOLOGI
DS2501080000	CBL-KVF8/FXOS	MEGAPLEX CABLE FOR CONVERTING FXO/FXS DB-25 TO 8 X RJ-12 CONNECTOR	RAD DATA COMMUNICATI
DS2501760000	CBL-VC16/FXSO	CBL-VC16/FXSO Cable for Megaplex VC-16 FXO&FXS 50 pin Telco to 16 RJ11	RAD DATA COMMUNICATI
DS2501770000	CBL-VC8/FXSO	Megaplex CBL-VC8/FXSO 8 port FXS cable	RAD DATA COMMUNICATI
DS2504020000	CBL-DB9F-DB9M-STR	CBL-DB9 FEMALE TO DB9 MALE STRAIGHT THROUGH	RAD DATA COMMUNICATI
DS2504030000	CBL-G703-8/RJ45-X	CBL-G703-8/RJ45-X : SINGLE AMP PLUG TO 8 RJ45 MALE T1 PORT	RAD DATA COMMUNICATI
DS2504340000	CBL-G703-8/OPEN	ADAPTOR CABLE, 1 DB-44 TO 8 RJ-45 BALANCED , OPEN	RAD DATA COMMUNICATI
DS251088	251088	BATTERY, 12AVR-75 12V EAST PENN	ELTEK INC
DS251507	251507	DC POWER SYSTEM, FP2-48/300- 3BT	ELTEK INC
DS251631	251631	BATTERY, 12V BATTERY 12AHR	ELTEK INC
DS251875	251875	MICROPACK RECTIFIER DUMMY MODULE	ELTEK INC
DS251885	251885	KIT EXTENDERS 300A FP2 SYS NOAH	ELTEK INC
DS252115	252115	SNAP-IN HANGERS FOR 7/8IN DIAMETER CABLE. PACK OF 10.	COMMSCOPE TECHNOLOGI
DS252130	252130	UNIVERSAL STAINLESS STEEL ANGLE ADAPTER 10PK	COMMSCOPE TECHNOLOGI
DS252161	252161	SPILL CONTAINMENT 23IN	ELTEK INC
DS252SE	252SE	EW52-CPR137G FIXED-TUNED CONNECTOR	COMMSCOPE TECHNOLOGI
DS252SEM	252SEM	252SEM FIXED TUNED CONN EW52	COMMSCOPE TECHNOLOGI
DS253120	253120	WIRE HARNESS PWR FOR 506100	ELTEK INC
DS2540370000	RICI-16/16E1/PACK3	RICI-16 ETH OVER BONDED PDH NTU,16 E1 PORTS, SW LIC FOR 16 E1/T1 LINKS	RAD DATA COMMUNICATI
DS2540450000	RICI-16/16T1/PACK3	RICI-16 16 T1 PORTS, SW LICENSE FOR 16 E1/T1 LINKS	RAD DATA COMMUNICATI
DS2540460000	RICI-16/16T1/PACK3/EVPL	RICI-16 ETHOTDM, 16 T1 PORTS, SW LICENSE FOR 16 E1/T1 LINKS, EVPL	RAD DATA COMMUNICATI
DS2540690000	RICI-16/4T1	RICI-16 - 4 T1 PORTS, 4 T1 TO ETHERNET CONVERTER	RAD DATA COMMUNICATI
DS2540730000	RICI-16/8T1	RICI-16- 8 T1 PORTS, 8 T1 TO ETHERNET CONVERTER	RAD DATA COMMUNICATI
DS2540860000	2540860000	RAD ETX-204A CARRIER ETH DEMARCATION DEVICE,DUAL ACPS,4 ETH USER PC	RAD DATA COMMUNICATI
DS2541130000	RICI-16/16T1/PACK3/R	RICI-16- 16 T1 PORTS, SW LICENSE FOR 16 E1/T1 LINKS RED POWER SUPPLY	RAD DATA COMMUNICATI
DS2541190000	RICI-16-PS	RICI-16 WIDE-RANGE POWER SUPPLY MODULE	RAD DATA COMMUNICATI
DS2541340000	RICI-16/2T3	RICI-16 FAST ETHERNET TO T3 (WAN) CONVERTER	RAD DATA COMMUNICATI
DS2541460000	RICI-16/4T1/R/H	RICI-16 ETH O/ BONDED PDH NTU, 4 T1 PORTS, REDUNDANT PS, HARDENED	RAD DATA COMMUNICATI
DS2541660000	RICI-16/2T3/R	RICI-16 FAST ETHERNET TO T3 (WAN) CONVERTER - REDUNDANT POWER	RAD DATA COMMUNICATI
DS2542010000	RICI-16/16T1/PACK3/EVPL/R/H	RICI-16 ETHOTDM, 16 T1,LIC FOR 16 E1/T1,EVPL, RED POWER, HARDENED	RAD DATA COMMUNICATI
DS2542090000	RICI-16/4T1/R	RICI-16 ETHOTDM, 4 T1, DUAL POWER SUPPLY	RAD DATA COMMUNICATI
DS2542120000	RICI-16/8T1/R	RICI-16 - ETHOTDM 8 T1 PORTS, REDUNDANT POWER SUPPLY	RAD DATA COMMUNICATI
DS2542130000	RICI-16/16T1/PACK3/R/H	RICI-16 ETHOTDM, 16 T1,SW LIC FOR 16 E1/T1,RED POWER ,HARDENED	RAD DATA COMMUNICATI
DS2543350000	RICI-16/8T1/R/H	RICI-16 ETH O/ BONDED PDH NTU, 8 T1 PORTS, REDUNDANT PS, HARDENED	RAD DATA COMMUNICATI
DS255589	255589	DC SYSTEM FP2 -48/300 LVBD 4BT	ELTEK INC
DS256181	256181	DC SYS FP2-48/600- 2BD & SPW/WEB	ELTEK INC
DS257395	257395	DC SYS FP2-48/600A 3DIST 23IN 4BT	ELTEK INC
DS257693	257693	DC POWER SYSTEM FP2-48/600 LVBD, RACKED	ELTEK INC
DS259243	259243	BATTERY TRAY 19" H-DUTY 100 AMP CB	ELTEK INC

DS259244	259244	KIT, BATT TRAY 19 INCH H-DUTY 175 AMP CB	ELTEK INC
DS259363	259363	DC SYSTEM FP2 48/300 BD LD	ELTEK INC
DS259620	259620	DC POWER SYSTEM, FP2 -48 300 LVBD FB AB 118	ELTEK INC
DS259723	259723	DC POWER SYS, FP2 SYSTEM / REAR WIRE 600AMP MAX, 23 IN RM -48V 2 BATT	ELTEK INC
DS25CD6ODDL	C25D6 25KW DSL, OD HSG	GENERATOR, 25KW DIESEL, 120/240V 1PH, OUTDOOR HOUSING	CUMMINS NPOWER LLC
DS25CN6SANG	C25N6 25KW NG, SA HSG	GENERATOR, 25KW NAT GAS, 120/240V SOUND ATTENUATED HOUSING	CUMMINS NPOWER LLC
DS25E	25E	25W ELEMENT 400-1000 MHZ	BIRD ELECTRONIC CORP
DS25PP3L3180180	25PP3L3-180/180	3FT TELCO CAT 3 NON-PLENUM M180/M180 DEGREE (25 PAIR)	GRAYBAR ELECTRIC CO
DS25PP4L3180180	25PP4L3-180/180	4FT TELCO CAT 3 NON-PLENUM M180/M180 DEGREE (25 PAIR)	GRAYBAR ELECTRIC CO
DS25PP50L3	25PP50L3	50FT TELCO CAT 3 NON-PLENUM M/M 90 DEGREE (25 PAIR)	GRAYBAR ELECTRIC CO
DS25PP60L3	GB #: 25418832/ MFG: 25PP60L3	60FT TELCO M/M 90 DEGREE (25 PAIR)	GRAYBAR ELECTRIC CO
DS25TME	25-T-ME	25 W LOAD TERMINATION MALE 7/16 DIN CONNECTOR	BIRD ELECTRONIC CORP
DS26090A	26090A	TIE WIRE 1 PIECE	COMMSCOPE TECHNOLOGI
DS264122	264122	BATTERY, 48V 2000AH BATTERY SET #24DDM125-33 6WX4H CONFIGURATION	ELTEK INC
DS264609	264609	RETROFIT KIT SMPS 4000 G1	ELTEK INC
DS264814	264814	BATT KIT ENERSYS 12V190F 48V 1BANK	ELTEK INC
DS264964	264964	BATTERY, ENERSYS 24V STRING SBS B14F	ELTEK INC
DS265504	265504	ESI SERIES INVERTER, 48VDC INPUT, 120VAC OUTPUT, 2KVA/1600W	ELTEK INC
DS265539	265539	INVERTER, 2KVA, 48VDCIN/120VACOUT 2RU RM 19/23 INCH	ELTEK INC
DS265540	265540	DC SYS FP2-48/300- 1BT 294AMP MAX	ELTEK INC
DS266090	266090	KIT BD-800 23IN 4U KONE GRAY	ELTEK INC
DS266198	266198	DC POWER SYSTEM, FP2 -48/300 BD LD 2BT	ELTEK INC
DS267782	267782	125A 2P BREAKER KIT INCLUDES: BUS PAD KIT FOR 2P BREAKERS	ELTEK INC
DS267783	267783	150A 2P BREAKER KIT INCLUDES: BUS PAD KIT FOR 2P BREAKERS	ELTEK INC
DS267784	267784	BREAKER KIT, 175A 2P	ELTEK INC
DS267785	267785	BREAKER KIT 200 AMP 3P	ELTEK INC
DS267786	267786	250A 3P BREAKER KIT INCLUDES: BUS PAD KIT FOR 3P BREAKERS	ELTEK INC
DS268132	268132	INVERTER, 1 KVA, 48VDCIN/120VACOUT 2RU RM 19/23 INCH, DELTA	ELTEK INC
DS268655	268655	48V 170AH 12V170FS ENERSYS BATT SET	ELTEK INC
DS268682	268682	CONVERTER, 48V TO 12V, 15A	ELTEK INC
DS268736	268736	DC SYS FP2-48/600 4AC LVLD LVBD 2BD	ELTEK INC
DS269173	269173	BREAKER KIT, 150A 2P TWO POLE	ELTEK INC
DS269175	269175	BREAKER KIT, 200A 3P	ELTEK INC
DS269376	269376	DC POWER SYSTEM, FLATPACK2 48/300 LVBD 2BT 23IN	ELTEK INC
DS270230	270230	AEON GOLD CONTROLLER RETROFIT KIT	ELTEK INC
DS270473	270473	DC POWER SYSTEM FP2-48/600A 23IN 4BT 672AMP 23 IN RACK MOUNT SEISM	ELTEK INC
DS270642	270642	KIT 200A BATTERY BREAKER FOR HD BT	ELTEK INC
DS270690	270690	BATTERY, 12AVR30 30AH 48V BATTERY	ELTEK INC
DS270782	270782	MICROSHELF, 4 POS, LVBD,1DIST (4L1) QTY 4 RECTIFIER POSITIONS	ELTEK INC
DS27103302000	271-03302-000	CURRENT SENSOR EXELTECH	ELTEK INC
DS271181	271181	DC POWER SYSTEM, FP2-48/300 4BT 19 LVB LVL	ELTEK INC
DS272105	272105 / MFG: 272105	RF / COAXIAL CONNECTOR, 7/16 COAXIAL, STRAIGHT PLUG, CRIMP, 50 OHM	ANIXTER INC
DS2730080000	IPMUX-1E/AC/4E&M/MM-LC	IPMUX-1E TDMoIP GW, AC, 4 E&M, 100 BFX MM. Eth.	RAD DATA COMMUNICATI
DS273279	273279	DC SYS FP2-48/600A 3DIST 23IN 3BT8U	ELTEK INC
DS274718	274718	BATTERY, 48V 510AH 2DDM85-13 BATT SET 4WX6H	ELTEK INC
DS2750020000	RICI-T1	RICI-T1 ETH OVER T1, FRAMED T1, 1 UTP PORT,WIDE-RANGE AC ORDC	RAD DATA COMMUNICATI
DS2750050000	RICI-T1/H	RICI-T1 FAST ETHERNET TO T1 W/ EXTENDED TEMPERATURE RANGE	RAD DATA COMMUNICATI
DS275838	275838	INVERTER, BULK OUTPUT, 120V, 48V S33A33E0202ECOTN0001	ELTEK INC
DS280700	280700	DC SYSTEM FP2 -48/300 BD 19 2BT	ELTEK INC
DS281381	281381	DC POWER SYSTEM FP215 -48/300 LDBD 23 4BT, 294AMP MAX	ELTEK INC
DS281577	281577	ONE 19" BATTERY BOX, 3RU, FOR LVBD MODULE, W/BATTERY CABLES	ELTEK INC
DS281875	281875	MICROPACK DUMMY MODULE G1	ELTEK INC
DS282568	BELDEN/CDT FP3LDS003M	BELDEN/CDT FP3LDS003M, 2-F JUMPER OM3 LCD/PC-SCD/PC,OFNR 2.0MM Z	ANIXTER INC
DS284614	284614	BATTERY KIT ENERSYS 12V190F 48V 1BANK	ELTEK INC
DS288569	288569	SINGLE PHASE 120VAC 4.5K/6K-5U	ELTEK INC
DS288570	288570	SINGLE PHASE 120VAC 6K/6K-5U	ELTEK INC
DS288760	288760	DC POWER SYSTEM, FP2-48/150A 2B 4L LVBD 1BT	ELTEK INC
DS289734	289734	BATTERY, 48V 38AH BATT SET 4X12V38FT	ELTEK INC
DS2908	9D2604-SHLD/5E-09 / 2908	1000FT REEL/ 4PR 7/34 TC PO PVC SHIELDED ISO 11801CLASS D	ANIXTER INC
DS291407	291407	BATTERY, 48V 1600AH BATTERY SET #DDM100-33	ELTEK INC
DS291959	291959	BDFB 2F,6P,G,TOP,A 7 FT, 6 PANEL, TOP FEED W/ SMARTPACK2 CONTROLLER	ELTEK INC
DS294426	294426	BATTERY, 48V BATT SET DDM85-21 3WX8H TOP	ELTEK INC
DS294541	294541	CBMCB:HYMAG=20A 65VDC 1KA LOAD 1U	ELTEK INC
DS294698	294698	7/8 INCH ROUND CUSHION 2 HOLE	COMMSCOPE TECHNOLOGI
DS294803	294803	DC POWER SYSTEM FP2-48/150 1BT 19IN	ELTEK INC
DS2950050000	OP-M/CX/45	OP-45 Electrical COAX main link module for OP-45 OP-45L, 45 Mbps (T3)	RAD DATA COMMUNICATI
DS2960080000	ASMI-52/T1/2W	ASMI SHDSL MODEM, T1 2 WIRE	RAD DATA COMMUNICATI
DS297415	297415	KIT: MICROPACK SEISMIC ADD ON 23IN	ELTEK INC
DS297921	297921	INTERCONNECT HARDWARE FOR 12AVR30 BATTERY	ELTEK INC
DS298510	298510	INVERTER, 1 KVA, 24VDCIN/120VACOUT 2RU RM 19/23 INCH	ELTEK INC
DS299235	299235	DC POWER SYSTEM, FP2 23IN RACK MOUNTED 1344 AMP -48V DUAL AC INPUT	ELTEK INC



DS29958	29958	HOISTING GRIP	COMMSCOPE TECHNOLOGI
DS29USTAND	2-9USTAND	UPRIGHT TOWER CONVERSION KIT FOR 2URM TO 9URM RACKMOUNT UPS	TRIPP LITE MANUFACTU
DS2AMFN03	2-A-MFN-03	BIRD T. 2W,3DB, 4G MALE N TO FEMALE N CONNECTOR COAXIAL ATTENUATOI	BIRD ELECTRONIC CORP
DS2AMFN06	2-A-MFN-06	BIRD T. 2W,6DB, 4G MALE N TO FEMALE N CONNECTOR COAXIAL ATTENUATOI	BIRD ELECTRONIC CORP
DS2AMFN09	2-A-MFN-09	BIRD T. 2W,9DB, 4G MALE N TO FEMALE N CONNECTOR COAXIAL ATTENUATOI	BIRD ELECTRONIC CORP
DS2AMFN10	2AMFN10	ATTNUTR, 2W, 10DB, N(M) TO N(F) DC -4.0 GHZ	BIRD ELECTRONIC CORP
DS2AMFN12	2-A-MFN-12	BIRD T. 2W,12DB, 4G MALE N TO FEMALE N CONNECTOR COAXIAL ATTENUATC	BIRD ELECTRONIC CORP
DS2AMFN20	2AMFN20	ATTNUTR, 2W, 20DB, N(M) TO N(F) DC -4.0 GHZ	BIRD ELECTRONIC CORP
DS2AMFN30	2AMFN30	ATTENUATOR 2W, M/F N CONNECTOR, 30 DB	BIRD ELECTRONIC CORP
DS2IL2923600	2IL-292/3600	300 FEET PLENUM RATED CABLE ASSEMBLY WITH DEUTSCH CONNECOTRS	ANIXTER INC
DS2L5202UP	2L-5202UP	ATEN PS/2 TO USB INTELLIGENT KVM	CDW DIRECT LLC
DS2POST4UKIT	2POST-4UKIT	4U 2 POST CONVERSION KIT	ANIXTER INC
DS2POST7UKIT	2POST7UKIT	2POST 7U KIT - RACK SOLUTIONS	CDW DIRECT LLC
DS2POSTRMKITW	2POSTRMKITW	HORIZONTAL MTG RAILS FOR 2 POST RM INSTALLATION, TRIPP LITE	TRIPP LITE MANUFACTU
DS2UKVM125217V	2UKVM-125-2-17	RACK SOLUTIONS 17 IN. MONITOR & KEYBOARD W/ 2 POST RACK MOUNT	GRAYBAR ELECTRIC CO
DS2UTELECOMRKIT	2UTELECOMRKIT	RACKMOUNT KIT FOR GXT3 450W THRU 2700W UPS, 2 POST 19 IN	CELL MANAGEMENT SYST
DS2WJC12170	2WJC12170	BATTERY 24V, INCLUDES (2) 12V BATTERIES AND (1) STRAP	WELDY LAMONT GROUP I
DS30009403001	30009403001	IF CABLE FOR CMU AND IRFU	CAMBIUM NETWORKS LIM
DS30009404001	30009404001	FLEXIBLE TWIST, WR137, PDR70, LENGTH: 12.0 INCH, CPR137G, 5.725 - 6.42	CAMBIUM NETWORKS LIM
DS30009404004	30009404004	FLEXIBLE TWIST, WR137, PDR70, LENGTH: 12.0 INCH, CPR137G, 6.425 - 7.12	CAMBIUM NETWORKS LIM
DS30009406002	30009406002	N-TO-N CABLE (16")	CAMBIUM NETWORKS LIM
DS30009407001	30009407001	FLEXIBLE TWIST, WR90, PDR100, LENGTH: 12.0 INCH, CPR90G, 10.7 - 11.7 /	CAMBIUM NETWORKS LIM
DS30010194001	30010194001	50 OHM BRAIDED COAXIAL CABLE - 75 METER	CAMBIUM NETWORKS LIM
DS30010195001	30010195001	50 OHM BRAIDED COAXIAL CABLE - 500 METER	CAMBIUM NETWORKS LIM
DS300GLDSLUPGONA	DS300GLDSLUPGONA	UPSIZE STD 24 HOUR RUNTIME DIESEL SUB-BASE TANK TO 300 GAL TANK	CUMMINS NPOWER LLC
DS300GTANKUPGA	DS300GTANKUPGA	300 GALLON SUB BASE FUEL TANK OPTION (FOR 35-50KW) ADDER DIESEL GEN	GENERAC POWER SYSTEM
DS300TFN	300-T-FN	300-T SERIES 300 WATT - CONVECTION-COOLED DRY TERMINATION	BIRD ELECTRONIC CORP
DS30162703	30162-703	CHATSWORTH CCS VERTICAL CABLE MGR 7.0 FT	ANIXTER INC
DS30162705	30162-705	CHATSWORTH CCS VERTICAL CABLE MGR 7.5 FT	ANIXTER INC
DS302293	302293	BATTERY, 48V BATT STRING 12V30F 31AH	ELTEK INC
DS302327	302327	DIN RAIL MOUNTED GMT10X DISTRIBUTION ?48V, ?24V, ?12V 100AMPS MAX	ELTEK INC
DS302732	302732	BATTERY 48V STRING OF SBS B14F	ELTEK INC
DS304069	304069	BATTERY, ENERSYS SBS B14F, 12V (PURE LEAD VERSION OF 16V62F)	ELTEK INC
DS305150	305150	BATTERY, 48V 46AH BATT 12HX205FR	ELTEK INC
DS305153	305153	BATTERY, 48V 72AH BATT 12HX300FR	ELTEK INC
DS305157	305157	BATTERY, 12V 96AH BATT 12HX400FR	ELTEK INC
DS305162	305162	BATTERY, 48V 120AH BATT 12HX505FR	ELTEK INC
DS305827	305827	FP2 SYSTEM / FRONT/REAR WIRE 333AMP MAX, LVBD ONLY -48V	ELTEK INC
DS305841	305841	DC PWR SYS, FP2 SYSTEM / FRONT/REAR WIRE 333AMP MAX, LVBD & LVLD	ELTEK INC
DS308634	308634	DC POWER SYSTEM FP2-48/1200 2DIST 23IN CONV	ELTEK INC
DS30C87465225FT	30C87465-225FT	225FT OUTDOOR UV PROTECTED CABLE 6PR 22AWG DB15 ASSEMBLY	ANIXTER INC
DS30C87465CO2	30C87465CO2	350' OUTDOOR UV PROTECTED CABLE 6 PR, 22AWG DB15	ANIXTER INC
DS3129A1000016	3129A100-001-6	SHELF ASSEMBLY	BIRD ELECTRONIC CORP
DS313948	313948	DC POWER SYSTEM FP2-48/600 LVBD CONV	ELTEK INC
DS314374	314374 / MFG: 0040620230	NEWTON 0040620230 (3 7/16H X 13 1/2D X 18 5/16W INCHES) RK MOUNT SHE	ANIXTER INC
DS314603SYS1	314603SYS1	DC POWER SYSTEM, FP2 450A 19 IN RACKED POWER SYSTEM 48V	ELTEK INC
DS317695	31769-5	31769-5, 3/8" HARDWARE KIT, QTY 10	COMMSCOPE TECHNOLOGI
DS317714	31771-4	ROD SUPPORT KIT 12" 5 PCS	COMMSCOPE TECHNOLOGI
DS317716	31771-6	31771-6 ROD SUPPORT KIT 24IN	COMMSCOPE TECHNOLOGI
DS320477SYS1	299199	DC POWER SYSTEM, FP2-48/600- 2BD450A SPW/WEB	ELTEK INC
DS320778SYS1	320778SYS1	DC POWER SYSTEM FP2 -48/1200A 2DIST 23IN 2BD 32 RECTIFIER POSITIONS	ELTEK INC
DS321215	32-12-15	DC-DC CONVERTER, 20-50VDC INPUT, 13.6VDC OUTPUT @ 15A	NEWMAR
DS321632	321632	BREAKER KIT 150AMP 2P, E-TRIP, 5/16 BULLET	ELTEK INC
DS321636	321636	"BREAKER 200A KIT, 2P, E-TRIP, 5/16 BULLET	ELTEK INC
DS321638	321638	BREAKER 250A KIT, 3P, E-TRIP, 5/16 BULLET, INCL 3 POLE ADAPTOR	ELTEK INC
DS322450	32-24-50	CONVERTER, DC CONVERTER 32-24-50	NEWMAR
DS323026INV1	323026INV1	INVERTER, 48V 4KW REDUNDANT, MODEL # 2AX00BC5P-4600	ELTEK INC
DS323543	323543	DC-DC FP2 1U CONVERTER SYSTEM 24V 4050W	ELTEK INC
DS323544	323544	DC-DC FP2 1U CONVERTER, FP218 PWRCR -48/75 7-0 19IN	ELTEK INC
DS323545	323545	DC-DC FP2 2U CONVERTER SYSTEM 24V 9450W	ELTEK INC
DS323886	323886	ECOTOWER FP2 3KW RECTIFIER BASE, -48V/1200A OUTPUT EPS-S01-A01-B21-C	ELTEK INC
DS326360SYS1	326360SYS1	DC POWER SYSTEM, FP2-48/600A 23IN 3BT4AC	ELTEK INC
DS326676	326676	INVERTER CE+T MIPS-48-2-40-00-16 (16 INVERTER POSITIONS) 2 DC INPUT	ELTEK INC
DS326769SYS2	326769SYS2	DC POWER SYSTEM, FP2 1200A 48B 4TPL 23INCH	ELTEK INC
DS327061	327061	DC PWR SYS FP2 REAR WIRE 168AMP -48V 19IN DUAL AC INPUT (4) RECTIFIER	ELTEK INC
DS328489BATT1	328489BATT1	BATTERY, TEL12-180F 48V STRING 181 AH	ELTEK INC
DS328489INV1	328489INV1/TD2548120-2-1-1	BENNING 12.5KVA INVERTER SYSTEM	ELTEK INC
DS328489INVMOD1	328489INVMOD1/120336	BENNING 2.5KVA INVERTER	ELTEK INC
DS328877BATT1	328877BATT1	BATTERY, TEL12-180F 48V STRING 181 AH	ELTEK INC
DS328877INV1	328877INV1/TD2548120-2-1-1	BENNING 12.5KVA INVERTER SYSTEM	ELTEK INC
DS328877INVMOD1	328877INVMOD1/120336	BENNING 2.5KVA INVERTER	ELTEK INC

DS329188INV1	329188INV1	INVERTER, 71-155500-00: AC HOUSING TOP	ELTEK INC
DS329188INV2	329188INV2	INVERTER, 71-155500-01: AC HOUSING SUPPORT	ELTEK INC
DS329188INV3	329188INV3	INVERTER, S5-PARA: S5 PARALLELING KIT	ELTEK INC
DS329237INV1	DS329237INV1	INVERTER, 2KW N+1 INVERTER; 48VDC INPUT, 120VAC/60HZ W/SNMP V1	ELTEK INC
DS329237INV1MI	DS329237INV1	INVERTER, 2KW N+1 INVERTER; 48VDC INPUT, 120VAC/60HZ W/SNMP V1	ELTEK INC
DS329436SYS1	DS329436SYS1	DC POWER SYSTEM FP2 -48/300 BD 19 1BT DC-DC W/ 2 CONVERTERS	ELTEK INC
DS329440INV1	329440INV1	INVERTER 24VDC/120VAC 1000VA 1725-24-120-60-P	ELTEK INC
DS329514BAT1	329514BAT1	BATTERY, GNB 48V 90G15 608 AH	ELTEK INC
DS329927BAT1	329927BAT1	BATTERY, GNB M12V90 TOP TERMINAL 48V STRING	ELTEK INC
DS330460	330460	INVERTER, TSI-Y-ONE-REG-48VDC-120VAC-500VA-UL (DC INPUT ONLY)2-RECEP	ELTEK INC
DS330461	330461	TSI-Y-ONE-EPC-48VDC-120VAC-500VA-UL	ELTEK INC
DS331007	331007	MEDIA INVERTER 2I 1PH W/NEMA SOCKET 48VDC/120VAC	ELTEK INC
DS331033SYS1	331033SYS1	DC POWER SYSTEM FP2 48V 300A 24V LVBD 2BT 23 INCH	ELTEK INC
DS331400	331400	DIN RAIL MOUNTING PANEL, 19IN WIDE, 4RU HIGH SEISMIC	ELTEK INC
DS331765SYS1	331765SYS1	DC POWER SYSTEM, FP2 48V 300A 2BT CABINET	ELTEK INC
DS331767SYS1	331767SYS1	DC POWER SYSTEM, FP2-48/300 LVBD 2BT 19 6FT	ELTEK INC
DS332052BATRACK1	332052BATRACK1	BATTERY RACK 19 INCH 4BT	ELTEK INC
DS332105INV1	332105	50KVA MAX STANDARD RELAY RACK	ELTEK INC
DS3322050000	OP-45B/28X/48/R/SC13/D	OP-45 45 MBPS OP MULTIPLEX, RING, 28T1/21E1, RJ45, REDUN, MM fiber	RAD DATA COMMUNICATI
DS3322670000	OP-45B/28X/AC/R/ST13/D	Optimux-45 -45 MBPS OPT. MULTIPLEX RING, 28T1, 21E1,RJ45,REDUNDANT	RAD DATA COMMUNICATI
DS3322710000	OP-45B/28X/AC/R/SC/SF1/D	Optimux-45 -45 MBPS,OPT,MULTIPLEX,RING, 28T1/21E1, RJ45 ,RED	RAD DATA COMMUNICATI
DS3322720000	OP-45B/28X/AC/R/SC/SF2/D	Optimux-45 45 MBPS OPT MULTIPLEX RING, 28T1/21E1, RJ45, RED	RAD DATA COMMUNICATI
DS3322750000	OP-45B/28X/48/R/SC13L/D	OP-45 45 MBPS FIBER MUX, RING, 28T1/21E1, RJ45, REDUN, SM fiber	RAD DATA COMMUNICATI
DS3323050000	OP-45B/28X/AC/R/SC13/D	Optimux-45 45 MBPS OPT MULTIPLE RINGS 28T1/21E1, RJ45 REDUNDANCY	RAD DATA COMMUNICATI
DS3323320000	OP-45B/28X/AC/R/FC13L/D	OPTIMUX-45 with RING 28 T1, 21 E1, RNDT POWER DUAL LINK	RAD DATA COMMUNICATI
DS3323530000	OP-45B/28X/AC/R/SC13L	OPTIMUX-45 -45MBPS OPT. MULTIPLEX ,28T1/21E1,RJ45,REDUNDANT	RAD DATA COMMUNICATI
DS3323550000	OP-45B/28X/AC/R/FC13LH/D	Optimux-45 45Mbps Optical Mux,Ring,Bal.28T1/21E1,RJ45 user	RAD DATA COMMUNICATI
DS3323830000	OP-45B/28X/AC/SC13L	Optimux-45 -BALANCED, 28T1 21E1 INTERFACE,AC,1310NM SINGLE MODE LAS	RAD DATA COMMUNICATI
DS3324190000	OP-45B/28X/AC/R/SC13LD	OP-45 T3 FIBER MUX, RED AC, DUAL FIBER LINK SC CONN 1310NM LASER	RAD DATA COMMUNICATI
DS332481SYS1	332481SYS1	DC POWER SYSTEM, 48V ECOTOWER SEISMIC CSO# 2269598	ELTEK INC
DS332793INVSHELF	332793INVSHELF	SHELF CHASSIS EXELTECH P/N MX2A-*.*. *-2	ELTEK INC
DS332793SYSMON	332793SYSMON	SYSTEM MONITOR	ELTEK INC
DS333379SYS1	333379SYS1	DC POWER SYS, FP216 48V/600A 4AC 2BD800 23	ELTEK INC
DS3354433	33544-33	MODULE CONNECTOR	COMMSCOPE TECHNOLOGI
DS3354437	33544-37	REATTACHMENT KIT FOR EW90	COMMSCOPE TECHNOLOGI
DS338029	338029	MPC-1-6-00-04 WITH CANDIS DISPLAY 6KVA MAX; 1.5KVA MIN; 8RU	ELTEK INC
DS338031	338031	MPC-1-12-00-08 WITH CANDIS DISPLAY	ELTEK INC
DS340582	340582	INVERTER, MX 2KW N+1 INVERTER; 48VDC INPUT, 120VAC/60HZ W/SNMP V3	ELTEK INC
DS340582MI	340582	INVERTER, MX 2KW N+1 INVERTER; 48VDC INPUT, 120VAC/60HZ W/SNMP V3	ELTEK INC
DS340701	340701	DC POWER SYSTEM, FP216 300 AMP -48V 19IN	ELTEK INC
DS341103	341103	RMS SINGLE PHASE 120VAC INVERTER RMS-1-6-00-04	ELTEK INC
DS341104	341104	RMS SINGLE PHASE 120VAC INVERTER RMS-1-10-00-07: 12KVA MAX; 1.5KVA M	ELTEK INC
DS348435	348435	DC POWER SYSTEM FP2 600 AMP 48V 23 IN RACK MOUNT SEISMIC	ELTEK INC
DS34NFN50	34NFN50	PRECISION ADAPTER, DC TO 18 GHZ, 50 OHM N(F)-N(F)	ANRITSU COMPANY
DS3500078	3500-078	15 FOOT COMMERCIAL AC POWER CORD C15 TO NEMA 5-20P	TRANSTECTOR SYSTEMS
DS3500084	3500-084	C15 TO NEMA 5-15P COMMERCIAL GRADE 10FT CORD FOR AC EDGE TO GTR	TRANSTECTOR SYSTEMS
DS350030	350030	23IN X 7FT BATTERY RACK, 4 BATT TRAYS, 4 200A TRAY MOUNT DISCONNECT	ELTEK INC
DS350083900	3500-83900	POWER CORD 1.8 METER BS1 RIGHT ANGLE (FUSED 3A) TO IEC C7	TRANSTECTOR SYSTEMS
DS350090055	3500-90055	PATCH CABLE 2 METER IEC C18 TO C7	TRANSTECTOR SYSTEMS
DS350267	350267	DC POWER SYSTEM, FP2 -48/600A D23C22D07-R6 2BD4, 4 RECIFIER SHELVES	ELTEK INC
DS350349	350349	DC POWER SYSTEM, FP216 -48/600 3 IC32 D07 R6 2BD4 SYS CONFIG REQUEST	ELTEK INC
DS3550OPT01	3550OPT01	3550OPT01 SPECTRUM ANALYZER OPTION	AEROFLEX WICHITA INC
DS3550OPT02	3550OPT02	3550OPT02 OSCILLOSCOPE OPTION	AEROFLEX WICHITA INC
DS3550OPT13	3550OPT13	3550OPT13 AAR CHANNEL PLAN	AEROFLEX WICHITA INC
DS3550OPT14	3550OPT14	3550OPT14 PRECISION THRU-LINE METER USE WITH WIDEBAND POWER SENS	AEROFLEX WICHITA INC
DS3550OPT15	3550OPT15	3550OPT15 OCCUPIED BANDWIDTH	AEROFLEX WICHITA INC
DS3550OPT33	3550OPT33	3550OPT33 NXDN TEST OPTION	AEROFLEX WICHITA INC
DS3550R	3550R	AEROFLEX 3550R HANDHELD 1GHZ RADIO TEST SET RUGGEDIZED	AEROFLEX WICHITA INC
DS3570300000	RV-SC-TDMOIP/PC	RADVIEW SOFTWARE FOR IPMUX	RAD DATA COMMUNICATI
DS35CD6ODDL	C35 D6 OD HOUSING	GENERATOR, 35KW DIESEL, 120/240V 1PH, OUTDOOR HOUSING	CUMMINS NPOWER LLC
DS35CD6SADL	C35 D6 SA HOUSING	GENERATOR, 35KW DIESEL, 120/240V 1PH, SOUND ATTENUATED HOUSING	CUMMINS NPOWER LLC
DS35CNG6HODVP	C36 N6H 35KW LPV, OD HSG	GENERATOR, 35KW LPV, 120/240V 1PH, OD HOUSING	CUMMINS NPOWER LLC
DS35CNG6HSANG3PH	C36 N6H 35KW NG, SA HSG 3PH	GENERATOR, 35KW NG, 120/208V 3PH, SA HOUSING	CUMMINS NPOWER LLC
DS35XXOPT07	35XXOPT07	35XXOPT07 P25 TEST	AEROFLEX WICHITA INC
DS35XXOPT08	35XXOPT08	35XXOPT08 TRACKING GENERATOR	AEROFLEX WICHITA INC
DS35XXOPT09	35XXOPT09	35XXOPT09 DPMR TEST OPTION	AEROFLEX WICHITA INC
DS35XXOPT10	35XXOPT10	35XXOPT10 ARIB T98 TEST OPTION	AEROFLEX WICHITA INC
DS35XXOPT34	35XXOPT34	35XXOPT34 DMR TEST	AEROFLEX WICHITA INC
DS3680110000	MP-4100M-VS/6S/BIN/EMR/UTP	MP4100M,6 SERIAL,8 IN/OUT ALARM RELAYS,ELECTROMECH.RELAY,10/100 BA	RAD DATA COMMUNICATI
DS3680120000	MP-4100M-T3	MP-4100 T3 MODULE FOR THE MP-4	RAD DATA COMMUNICATI
DS3680170000	MP-4100M-VS/16E1T1/PW	MP-4100 MODULE 16 E1/T1 PORTS,PSEUDOWIRE	RAD DATA COMMUNICATI

DS3680430000	MP-4100M-VS/6S/BIN/SSR/UTP	MP4100M,6 SERIAL, 8 IN/OUT ALARM RELAYS,SOLID STATE RELAY,10/100 BASE	RAD DATA COMMUNICATI
DS3720020000	OP-A/ADAPTOR/28RJ	OP-ADAPTOR 28 RJ45 BALANCED I/F ADAPTOR	RAD DATA COMMUNICATI
DS3750030000	AIRMUX-400P/ODU/F58F/250M/IN	Airmux-400P 250M ODU, Integrated ant (2x N-type), supp. 5.8 GHz FCC	RAD DATA COMMUNICATI
DS3750040000	AIRMUX-400P/ODU/F58F/250M/E	Airmux-400P 250M ODU, Connectorized ant (2x N-type), supp 5.8 GHz FCC	RAD DATA COMMUNICATI
DS37502831	3750-283	BREAKER KIT AIRPAX 5AMP SNAPAC, FOR AC EDGE QTY 1	TRANSTECTOR SYSTEMS
DS37502841	3750-284	BREAKER KIT AIRPAX 10AMP SNAPAC, FOR AC EDGE QTY 1	TRANSTECTOR SYSTEMS
DS3750292	3750-292	BREAKER KIT AIRPAX 15AMP, CR15-52-15.OA-R06CV-V FOR DC EDGE III QTY 1	TRANSTECTOR SYSTEMS
DS3750297	3750-297	BREAKER, 15 AMP, CB UL 489 LISTED FOR AC EDGE II (1101-1188)	TRANSTECTOR SYSTEMS
DS3770410000	ETX-102/NULL/NULL/4UTP	ETX-102 2 NETWORK SFP PORTS, 4 PORT 10/100BT ETHERNET SWITCH	RAD DATA COMMUNICATI
DS3770430000	ETX-102/SFP-2/NULL/4UTP	ETX-102 1 NET PORT SM,1310NM,1 NULLNET SFP PORT, 4 USER 10/100 PORTS	RAD DATA COMMUNICATI
DS3770620000	ETX-102/UTP/UTP/4UTP	ETX-102 2 Network 10/100BT UTP ports, 4 port 10/100BT Ethernet switch	RAD DATA COMMUNICATI
DS37803R2	37803-R2	PATCH CORD MGMT PANEL 1U	BLACK BOX CORP
DS3790010000	DXC-4/4	DXC 4 PORT COMPACT AC/DC E1/T1 GROOMING DEVICE	RAD DATA COMMUNICATI
DS3790020000	DXC-4/4/R	DXC 4 PORT COMPACT AC/DC E1/T1 GROOMING DEVICE W/DUAL POWER SUP	RAD DATA COMMUNICATI
DS3790030000	DXC-4/8	DXC-4 8 PORT COMPACT AC/DC E1/T1 GROOMING DEVICE	RAD DATA COMMUNICATI
DS3790040000	DXC-4/8/R	DXC-4 E1/T1 grooming device, 8 E1/T1 ports, redundant power supply	RAD DATA COMMUNICATI
DS3850170000	RICI-E1	RICI FAST ETHERNET OVER E1 INTELLIGENT CONVERTER	RAD DATA COMMUNICATI
DS3880070000	RICI-T3	RICI-T3 FAST ETHERNET TO T3 (WAN) CONVERTER	RAD DATA COMMUNICATI
DS3880090000	RICI-T3/H	RICI-T3 Ethernet over T3 temp hardened	RAD DATA COMMUNICATI
DS3900110000	FCD-T1LC/V35/V24	FCD WITH 2 SERIAL PORTS OVER T1	RAD DATA COMMUNICATI
DS3900170000	FCD-T1LC/V35/S/V24	FCD-T1LC - MANAGED E1/T1 OR FURACIONAL E1/T1 ACCESS UNIT	RAD DATA COMMUNICATI
DS39030C03	CPI 39030-C03/ QUOTE#43947	EQUIP RAIL ASSY E PUNCHED, 23.6 INCH, 45RMU, BLACK	ANIXTER INC
DS39050C03	39050-C03	CHATSWORTH DOUBLE PERF DOOR, 23.6W BY 45U, BLACK	ANIXTER INC
DS39054C03	CPI# 39054-C03	LOCK KIT, 2 POINT LATCHING, KEYED, PERFORATED DOOR, 45 RMU	ANIXTER INC
DS39086C00	39086-C00	PDU BRKT FOR 42UR CABINET G2	ANIXTER INC
DS39086C03	39086-C03	FULL HEIGHT DUAL PDU BRACKET, 45 RMU, BLACK	ANIXTER INC
DS39087C03	39087-C03	RING CABLE MANAGER, 6 SLIDE, BLACK	ANIXTER INC
DS39099137	39099-137	CPR137G WAVEGUIDE TERMINATION	COMMSCOPE TECHNOLOGI
DS390XOPT067	390XOPT067	POCSAG	AEROFLEX WICHITA INC
DS390XOPT110	390XOPT110	TETRA MS (MOBILE STATION TESTING)	AEROFLEX WICHITA INC
DS390XOPT111	390XOPT111	TETRA BS (BASE STATION TESTING)	AEROFLEX WICHITA INC
DS390XOPT112	390XOPT112	TETRA DM (DIRECT MODE TESTING)	AEROFLEX WICHITA INC
DS390XOPT114	390XOPT114	TETRA ENERGY ECONOMY MODE	AEROFLEX WICHITA INC
DS390XOPT115	390XOPT115	TETRA AUTOTEST II	AEROFLEX WICHITA INC
DS390XOPT220	390XOPT220	P25 PHASE 2 TWO-SLOT TDMA PHYSICAL LAYER/390XOPT220	AEROFLEX WICHITA INC
DS390XOPT302	390XOPT302	MOTOROLA HPD TESTING SUITE/390XOPT302/R2093A	AEROFLEX WICHITA INC
DS390XOPT402	390XOPT402	DMR XML CHANNEL LOGGER OPTION	AEROFLEX WICHITA INC
DS390XOPT420	390XOPT420	DPMR - ETSI 102-658	AEROFLEX WICHITA INC
DS390XOPT421	390XOPT421	AUTOTEST II FOR DPMR RADIO SYSTEMS	AEROFLEX WICHITA INC
DS390XOPT422	390XOPT422	DPMR CONTROL CHANNEL LOGGER OPTION	AEROFLEX WICHITA INC
DS390XOPT440	390XOPT440	NXDN	AEROFLEX WICHITA INC
DS390XOPT460	390XOPT460	ARIB T98	AEROFLEX WICHITA INC
DS390XOPT461	390XOPT461	AUTOTEST II FOR ARIB T98 RADIO SYSTEMS	AEROFLEX WICHITA INC
DS390XOPT611	390XOPT611	MOTOROLA TETRA MS RADIO ALIGNMENT W/O CABLE	AEROFLEX WICHITA INC
DS390XOPT626	390XOPT626	DMR REPEATER TEST	AEROFLEX WICHITA INC
DS390XOPT644	390XOPT644	MOTOROLA APX 8000 SERIES AUTOTEST/ALIGNMENT	AEROFLEX WICHITA INC
DS390XOPT645	390XOPT645	MOTOROLA APX "B" SERIES AUTOTEST/ALIGNMENT	AEROFLEX WICHITA INC
DS39120C03	39120-C03	TERAFRAME F SERIES GEN 3 CABLE MGMT TRAY	ANIXTER INC
DS40074100	40074-100	CHATSWORTH 19 INCH SHELF GREY ENAMEL	GRAYBAR ELECTRIC CO
DS400APNFCCR	400APNF-C-CR	400APNF-C-CR 400 N STRAIGHT FEMALE CONNECTOR	COMMSCOPE TECHNOLOGI
DS400BPNMC	400BPNM-C	400BPNM-C CONNECTOR: CNT-400 N STRAIGHT MALE FRO BRAIDED CABLE	COMMSCOPE TECHNOLOGI
DS400BPNMCCR	400BPNM-C-CR	400BPNM-C-CR CNT-400 N STRAIGHT MALE CONNECTOR	COMMSCOPE TECHNOLOGI
DS400BPNRC	400BPNR-C	400BPNR-C CONNECTOR: CNT-400 N RIGHT ANGLE MALE	COMMSCOPE TECHNOLOGI
DS400PMUCR	400PMU-CR	400PMU-CRMINI UHF CONNECTOR FOR CINTA CABLE	COMMSCOPE TECHNOLOGI
DS400PNFC	400PNF-C	400PNF-C CONNECTOR: CNT-400 N STRAIGHT FEMALE	COMMSCOPE TECHNOLOGI
DS4010650000	OP-125/PSR/A/100M	OP-125 FIBER MUX, 16 T1+ETHERNET, RED POWER, ALARM, 100 MBPS ETHERN	RAD DATA COMMUNICATI
DS4010660000	OP-125-LIC-ETH/100M	OP-125 SW key for OP-125 ETH, 100 Mbps Ethernet throughput	RAD DATA COMMUNICATI
DS4010690000	OP-125/100M	OP-125 Fiber MUX,16 T1 and Ethernet, 100 Mbps Ethernet throughput	RAD DATA COMMUNICATI
DS4010900000	OP-125/PSR/100M	OP-125 FIBER MUX,16 T1 & ETHERNET, RED POWER,, 100 MBPS ETHERNET	RAD DATA COMMUNICATI
DS4011290000	OP-125/PSR	OP-125 Fiber MUX,16 T1 & Ethernet, red power (SW license for Ethernet)	RAD DATA COMMUNICATI
DS4012420000	OP-1025/ACR/3UTP/25K	OPTIMUX 1025 FIBER MULTIPLEXER FOR 16 T1 & GE, DUAL AC PS, UTP PORTS	RAD DATA COMMUNICATI
DS40161072	40161-072	VERTICAL RACK BUSBAR KIT	ANIXTER INC
DS40525B	40525B	LOW-PRESSURE DESICCANT DEHYDRATOR 115VAC, 60HZ, 2.4A,3-8 PSI	COMMSCOPE TECHNOLOGI
DS40540568	40540568	PBA PLUG-IN BREAKER, 40 AMP (FOR USE W/DST20A DIST PNL)	NEWMAR
DS4060250000	EGATE-20/CH/T1	EGATE-20 CHANNELIZED ETHERNET GATEWAY , CHANNELIZED, T1 PORT	RAD DATA COMMUNICATI
DS40750719	40750-719	SINGLE-SIDED STEEL SHELF, BLACK 12	GRAYBAR ELECTRIC CO
DS4192SWBP4LDF6461	SE4192-SWBP4LDF(D00-E6461)	ENCLOSED DIPOLE, OFFSET, 12 DBD, 746-960 MHZ, LOW PIM, PIP	SINCLAIR TECHNOLOGIE
DS4201160000	KM-2100M-KML.11/UTP	KILOMUX TDMOIP MAIN LINK MODULE, 10/100BASET	RAD DATA COMMUNICATI
DS42396A7	42396A-7	42396A-7 BUTTERFLY HANGER FOR ELLIPTICAL WAVEGUIDE 63	COMMSCOPE TECHNOLOGI
DS424050010	4240-500-10	SH-362S SIGNAL HAWK ADAPTOR, N(M) TO SMA (F)	BIRD ELECTRONIC CORP
DS42405008	4240-500-8	SH-362S SIGNAL HAWK ADAPTOR, N(F) TO BNC (F)	BIRD ELECTRONIC CORP

DS42N50A30	42N50A-30	ATTENUATOR, 30 DB, 50 WATT, DC TO 18 GHZ, N(M) - N(F)	ANRITSU COMPANY
DS43	43	WATTMETER, THRULINE	BIRD ELECTRONIC CORP
DS4304A	4304A	THRULINE WATTMETER	BIRD ELECTRONIC CORP
DS432D6LD3I40G6PI	SC432DHF6LDF(I40-G06-E5749)3DT	COLLINEAR OMNI 6DBD 2 PORTS, 3 DEG DT, PIP, LOW PIM 746-869, DIN-FE,HD	SINCLAIR TECHNOLOGIE
DS432DF6DFI40G6PIP	SC432D-HF6LDF(I40-G06-E5749)	COLLINEAR OMNI, 6DBD GAIN, DUAL PORTS, LOW PIM, 746-869MHZ PIP 25KW	SINCLAIR TECHNOLOGIE
DS432DHF6D0I45G3PI	SC432D-HF6LDF D00-I45-G03E5749	DUAL COLLINER OMNI PIP ANTENNA, 3DBD, 45 DB, LOW PIM, 746-869 MHZ	SINCLAIR TECHNOLOGIE
DS432DHF6D2I40G6PI	SC432D-HF6LDF D00-I40-G06E5749	DUAL COLLINER OMNI PIP ANTENNA, 6DBD, 40 DB, LOW PIM, 2DT 746-869 M	SINCLAIR TECHNOLOGIE
DS432DHF6LDFI4G6NU	SC432D-HF6LDF(I40-G06-E5749)	DUAL PORT, 6 DB GAIN OMNI, WITH 0 DEGREE DOWNTILT	SINCLAIR TECHNOLOGIE
DS432TS6D0I30G6PIP	SC432T-SF6LDFD00-I30-G06-E5749	COLLINEAR OMNI, 6 DBD (TYP), THREE PORTS, 30 DB ISOLATION, LOW PIM, PI	SINCLAIR TECHNOLOGIE
DS432TS6D6I30G6PIP	SC432T-SF6LDFD06-I30-G06-E5749	COLLINEAR OMNI, 6 DBD (TYP), THREE PORTS, 30 DB ISOLATION, LOW PIM, PI	SINCLAIR TECHNOLOGIE
DS432TSF6LI30G6PIP	SC432T-SF6LDF(D00-I30-G06)	COLLINEAR OMNI 6DBD 3 PORTS, PIP, 30 DB ISOLATION, LOW PIM 746-869MH	SINCLAIR TECHNOLOGIE
DS43P	43P	WATTMETER, THRULINE	BIRD ELECTRONIC CORP
DS442DF2DFI40G9PIP	SC442D-HF2LDF(D00-I40-G9-E5749)	DUAL PORT 9 DBD COLLINER ANT, 40 DB ISOLATION, 806-960 MHZ, PIP RATEI	SINCLAIR TECHNOLOGIE
DS442DHF1DFD4I30G9	SC442D-HF1LDF(D04-I30-G09)	DUAL PORT 9 DBD COLLINER ANTENNA, 30 DB ISOLATION, 746-869 MHZ, 4 DI	SINCLAIR TECHNOLOGIE
DS442DHF1DFI3G9PIP	SC442D-HF1LDF(D00-I30-G09-PIP)	DUAL PORT 9.0 DBD COLLINER ANTENNA, 30 DB ISOLATION, LOW PIM, PIP R/	SINCLAIR TECHNOLOGIE
DS442DHF2D4I4G9NU	SC442D-HF2LDFD04-I40-G09-E560E	DUAL PORT 9DBD COLLINER ANT, 40 DB ISO, 806-960 MHZ, 4DT, NULL FILL	SINCLAIR TECHNOLOGIE
DS44741	GB QUOTE 115512720	FLEXPOINTT1/E1 CONVERTS T1/E1 COPPER RJ45/RJ	GRAYBAR ELECTRIC CO
DS45594163B	45594-163B	HARDWARE KIT FOR 163 CONNECTORS - 1 PKG	COMMSCOPE TECHNOLOGI
DS46006910	460-069-10	GMT FUSE, 10 AMP	ALPHA TECHNOLOGIES L
DS46014510	460-145-10	TPL FUSE, 400 AMP	ALPHA TECHNOLOGIES L
DS46053701	46053-701	CHATSWORTH (6HX19W FT) UNIVERSAL RACK W/ 2 TOP BARS-BLACK	ANIXTER INC
DS46053702	376970 / MFG 46053-702	CHATSWORTH UNIVERSAL 6.5 FT X 19IN BLACK 2 POST RACK	ANIXTER INC
DS46053703	46053-703	UNIVERSAL 2 POST RACK 84HX19WX3D, 45U ALUM, BLACK	ANIXTER INC
DS46083701	46083-701	UNIVERSAL RACK; 23W X 3D (INCH) X 6H (FT) 38RMU, 2POST, TOP BAR, BLACK	ANIXTER INC
DS46083705	46083-705	RACK, 7.5 FT 23 INCH, CHATSWORTH	ANIXTER INC
DS4630050000	MP-4100-MN	MEGAPLEX-4100 CHASSIS WITH NO PS OR CL.2 MODULE	RAD DATA COMMUNICATI
DS4631640000	MP4100-2/115R/622GBESFPR/155	MP-4100,RED. 115V PS&CL.2,STM-4/OC-12&SFP GBE PORTS,STM-1/OC3 PORT	RAD DATA COMMUNICATI
DS4631650000	MP-4100-2/115R/622GBEUTPR155	MP-4100 CL.2,115 RED,STM-4/OC-12 & UTP GBE PORTS STM-1/OC3 PORT ACTI	RAD DATA COMMUNICATI
DS4631810000	MP-4100-2/115R/DSOR	MP-4100 ,4U CHASSIS, PS,CL.2, REDUNDANT 115 VAC PS & D50 X CONN	RAD DATA COMMUNICATI
DS4631990000	MP-4100-2/115R/GBEASFPR	MP-4100, 4U CHASSIS W REDUNDANT CL.2 & 115PS MODULES	RAD DATA COMMUNICATI
DS4632480000	MP-4100-2/115R/GBEAUTPR	MP-4100 NEXT GEN MULTISERVICE ACCESS NODE,4U CHASSIS W/RED PS, CL.2	RAD DATA COMMUNICATI
DS4632540000	MP-4100M-BP-IO/1	MP-4100 SINGLE SLOT BLANK PANEL	RAD DATA COMMUNICATI
DS4632700000	4632700000	MP-4100-2/48R/622GBEAUTPR/155SK	RAD DATA COMMUNICATI
DS46353503	46353-503	CHATSWORTH 19 INCH EQUIPMENT RACK 7.0 FT CLEAR ALUMINUM	ANIXTER INC
DS46353505	155766/46353-505	CHATSWORTH 19 INCH EQUIPMENT RACK 7.5 FT	ANIXTER INC
DS46353508	46353-508	UNIVERSAL RACK 19IN W X 9FT H X 3IN D CLEAR 58 RU 2 POST	ANIXTER INC
DS46353515	46353-515/095976	CHATSWORTH RACK RELAY 96IN H X 19IN W, DBL-SIDE ALMINM VENTED SHELF	ANIXTER INC
DS46353700	46353-700/186564	CHATSWORTH UNIVERSAL RACK 19IN X 5FT-6IN, ALUMINUM DBL SIDED BLACK	ANIXTER INC
DS46353705	93145986	19 INCH RACK BLACK 90" H	GRAYBAR ELECTRIC CO
DS46353720	46353-720	CHATSWORTH 4FT UNIVERSAL RACK 2 POST, BLACK W/ TOP ANGLES	ANIXTER INC
DS46353731	CPI 46353-731	CHATSWORTH 2 POST RACK WITH TWO TOP ANGLES	ANIXTER INC
DS4640060000	MP-4100M-PS/48	MP-4100 POWER SUPPLY MODULE, -48 VDC	RAD DATA COMMUNICATI
DS4640370000	MP-4100M-8T1/3XUTP	MEGAPLEX-4100 8-PORT T1 MODULE,3 UTP PORTS	RAD DATA COMMUNICATI
DS4640420000	MP-4100M-PS/115	MP-4100 POWER SUPPLY MODULE 115 VAC	RAD DATA COMMUNICATI
DS4640460000	MP-4100M-8T1/3XNULL	Megaplex-4100 8-PORT T1 MODULE,3 SFP sockets without SFPs	RAD DATA COMMUNICATI
DS4640510000	MP-4100M-PW-1/3XUTP	MEGAPLEX PSEUDOWIRE MODULE, 8 E1/T1 PORTS FOR MP-4100, 3 UTP PORTS	RAD DATA COMMUNICATI
DS4640520000	MP-4100M-PW-1/3XNULL	MP-4100 8 E1/T1 PSEUDOWIRE MODULE, 3 EMPTY SFP SLOTS	RAD DATA COMMUNICATI
DS4640610000	MP-4100M-16T1	MEGAPLEX 16 T1 PORTS FOR MP-4100	RAD DATA COMMUNICATI
DS4640880000	MP-4100M-CL.2/622GBEUTP	MP-4100 COMMON LOGIC 2, STM-4/OC-12 AND UTP GBE PORTS	RAD DATA COMMUNICATI
DS4640900000	MP-4100M-PW-1/3XSFP2	MP-4 Pseudowire module, 8 E1/T1 ports, 3 SFP FE, 1310nm,SM,9.3 mi	RAD DATA COMMUNICATI
DS4641060000	MP-4100M-CL.2/GBEASFP	MP-4100 COMMON LOGIC 2, SFP GBE PORT W/ CARRIER ETHERNET CAPABILIT	RAD DATA COMMUNICATI
DS4641070000	MP-4100M-CL.2/GBEAUTP	MP-4100 COMMON LOGIC 2, UTP GBE PORT WITH CARRIER ETH CAPABILITIES	RAD DATA COMMUNICATI
DS4641090000	MP-4100M-CL.2/622GBEASFP/155	MP-4100 CL 2, STM-4/OC-12 & SFP GBE PORTS W/CARRIER ETH, STM-1/OC3	RAD DATA COMMUNICATI
DS4641150000	MP-4100M-CL.2/622GBEAUTP	MP-4100 COMMON LOGIC 2, STM-4/OC-12 AND UTP GBE PORTS WITH CARRIE	RAD DATA COMMUNICATI
DS4641160000	MP-4100M-CL.2/DS0	MP-4100 COMMON LOGIC 2, DS0 CROSS CONNECT ONLY	RAD DATA COMMUNICATI
DS4641260000	MP-4100M-ETH/SFP	MP-4100 8-PORT ETHERNET MODULE FOR MP-4100, EMPTY SFP SLOT	RAD DATA COMMUNICATI
DS4641310000	MP-4100M-TP/110/EMR	MP-4100 CMD IN/OUT DIST TELEPROTECT MOD 4 IN,8 OUT,ELECTROMECH REL	RAD DATA COMMUNICATI
DS4660010000	SNMPC-SW/VER7	SNMPC-SW/VER7 SNMPC MGMT system	RAD DATA COMMUNICATI
DS47030310	470-303-10	10 AMP BREAKER, PLUG-IN TYPE WITH AUX SWITCH CENTER PIN ONLY	ALPHA TECHNOLOGIES L
DS47030510	470-305-10	BREAKER, CB,1P,20A,80VDC,5/16IN BULLET,MID-TRIP	ALPHA TECHNOLOGIES L
DS47030610	470-306-10	25 AMP AM BREAKER, PLUG-IN TYPE WITH AUX SWITCH CENTER PIN ONLY, MII	ALPHA TECHNOLOGIES L
DS47030710	470-307-10	30 AMP AM BREAKER, PLUG-IN TYPE W/ AUX SWITCH CTR PIN ONLY, MIDTR	ALPHA TECHNOLOGIES L
DS47031110	470-311-10	50 AMP BREAKER, PLUG-IN TYPE W/AUX SWITCH CENTER PIN ONLY	ALPHA TECHNOLOGIES L
DS47031210	470-312-10	60 AMP BREAKER, PLUG-IN TYPE W/AUX SWITCH CENTER PIN ONLY	ALPHA TECHNOLOGIES L
DS47031410	470-314-10	80 AMP AM BREAKER, PLUG-IN TYPE WITH AUX SWITCH CENTER PIN ONLY, MII	ALPHA TECHNOLOGIES L
DS47031610	470-316-10	BREAKER, 100 AMP AM , PLUG-IN TYPE WITH AUX SWITCH CENTER PIN ONLY,	ALPHA TECHNOLOGIES L
DS47SA20CACM	47SA20CACM	UPS, EXM 20KVA 20KW 208/208V INCL START UP AND WARRANTY, BYPASS	CELL MANAGEMENT SYST
DS481212I	48-12-12I	DC CONVERTER, ISOLATED SERIES 48-12-12I	NEWMAR
DS48353103	48353-103	SEVEN FOOT UNIVERSAL RACK	GRAYBAR ELECTRIC CO
DS48353502	CPI 48353-502	UNIVERSAL RACK, 19WX6.5HX3D, CLEAR 41 RMU WITH TWO TOP ANGLES	ANIXTER INC
DS48353503	48353-503	CHATSWORTH UNIV. 2POST RACK W/2 TOP ANG. 45RU(84HX19WX3D IN)-UL LI	ANIXTER INC

DS48353701	48353-701	CHATSWORTH 6 FOOT RACK -2 POST RACK, 2 TOP ANGLES UL LISTED	ANIXTER INC
DS48353702	CHATSWORTH # 48353-702	CHATSWORTH UNIVERSAL RACK 19 INCH, 41U, COLOR BLACK	ANIXTER INC
DS48353715	48353-715	EIGHT FOOT UL RATED RELAY RACK	ANIXTER INC
DS486534003	486534003	RECTIFIER,ESURE, 200A, 208VAC,	EMERSON NETWORK POWE
DS4880000000	IPMUX-24/FE/4T1/UTP/UTP/UTP/P	IPMUX-24 PE, TDM PSEUDOWIRE GATEWAY, PLASTIC, 4T1 PORTS,UTP FOR10/1	RAD DATA COMMUNICATI
DS4880790000	IPMUX-24/4T1/NULL/NULL/NULL	IPMUX-24 PWE, 4 T1, 3 EMPTY FE/GE SFP SOCKETS	RAD DATA COMMUNICATI
DS4880960000	IPMUX-24/FE/A/1T1/UTP/UTP/UTP	IPMUX-24 PWE, 1 T1 3 FE UTP ports, advanced clock (A), AC/DC power	RAD DATA COMMUNICATI
DS4881080000	IPMUX-24/2T1/UTP/UTP/NULL	IPMUX-24 PWE, 2 T1, 2 UTP ETH RJ-45 PORTS, 1 EMPTY FE/GE SFP SOCKET	RAD DATA COMMUNICATI
DS4881190000	IPMUX-24/FE/1T1/UTP/UTP/UTP	IPMUX-24 PWE, 1 T1 PORT, 3 10/100 UTP RJ-45 PORTS	RAD DATA COMMUNICATI
DS4881200000	IPMUX-24/FE/2T1/UTP/UTP/UTP	IPMUX-24 PWE, 2 T1 PORT, 3 10/100 UTP RJ-45 PORTS	RAD DATA COMMUNICATI
DS4881220000	IPMUX-24/FE/4T1/UTP/UTP/UTP	IPMUX-24 PWE, 4 T1 PORT, 3 10/100 UTP RJ-45 PORTS	RAD DATA COMMUNICATI
DS4881490000	IPMUX-24/FE/H/4T1/UTP/UTP/UTP	IPMUX-24 PWE, 4 T1 PORT, 3 10/100 UTP RJ-45 PORTS HARDENED ENCL.	RAD DATA COMMUNICATI
DS4881890000	IPMUX-24/1T1/UTP/UTP/NULL	IPMUX-24 PWE, 1 T1 port, 2 10/100 UTP RJ-45 ports, 1 empty SFP socket	RAD DATA COMMUNICATI
DS4881930000	IPMUX-24/FE/C/1T1/UTP/UTP/UTP	IPMUX-24 PWE 1 T1, 3 10/100 UTP RJ-45,External Clock, Alarm relay	RAD DATA COMMUNICATI
DS4882770000	IPMUX-24/C/4T1/N/N/N	IPMUX-24 PWE, CARRIER CLASS, 4 T1 PORTS, 3 EMPTY SFP SLOT	RAD DATA COMMUNICATI
DS4883200000	IPMUX-24/1T1/NULL/NULL/NULL	IPMUX-24 TDM pseudowire access gateway, 1 T1 port, empty SFP slot	RAD DATA COMMUNICATI
DS4883750000	IPMUX-24/2T1/NULL/NULL/NULL	IPMUX-24 TDM pseudowire access gateway, 2 T1 ports, empty SFP slot	RAD DATA COMMUNICATI
DS4883780000	IPMUX-24/H/1T1/N/N/UTP	IPMUX-24 PWE 1 T1 PORT, HARD ENCL, 1 EMPTY SFP SLOT, 1 FE UTP RJ-45	RAD DATA COMMUNICATI
DS4883920000	IPMUX-24/4T1/UTP/UTP/NULL	IPMUX-24 PWE 4 T1 PORTS, 2 UTP RJ-45, 1 EMPTY SFP SLOT	RAD DATA COMMUNICATI
DS4884030000	IPMUX-24/H/1T1/N/N/N	IPMUX-24 PWE 1 T1 Port, HARDENED ENCLOSURE, 3 EMPTY SFP SLOTS	RAD DATA COMMUNICATI
DS48939A1	48939A-1	48939A-1 BOOT ASSEMBLY, 5 IN, FOR 7/8" CORRUGATED COAXIAL CABLE	COMMSCOPE TECHNOLOGI
DS48939A16	48939A-16	BOOT ASSEMBLY, 5 IN, FOR 3/8" CORRUGATED COAXIAL CABLE	COMMSCOPE TECHNOLOGI
DS48939A17	48939A-17	BOOT ASSEMBLY, 5 IN, FOR 1/2" CORRUGATED COAXIAL CABLE	COMMSCOPE TECHNOLOGI
DS48939A2	48939A-2	48939A-2 BOOT ASSEMBLY, 5 IN, FOR 7/8" CORRUGATED COAXIAL CABLE	COMMSCOPE TECHNOLOGI
DS48939A4	48939A-4	BOOT ASSEMBLY, 5 IN, FOR 1-5/8" CORRUGATED COAXIAL CABLE	COMMSCOPE TECHNOLOGI
DS48939A6	48939A-6	BOOT ASSEMBLY, 5 IN, FOR 1/2" CORRUGATED COAXIAL CABLE	COMMSCOPE TECHNOLOGI
DS4900120000	IPMUX-216/AC/8T1/NULL/NULL/NU	IPMUX-216 PWE, AC, 8 T1 ports, 3 FE/GE Empty SFP sockets	RAD DATA COMMUNICATI
DS4900190000	IPMUX-216/AC/8T1/UTP/UTP/UTP	IPMUX-216 PWE, AC, 8 T1 ports, 3 FE UTP RJ-45	RAD DATA COMMUNICATI
DS4900310000	IPMUX-216/ACR/16T1/UTP/UTP/U	IPMUX-216 PWE 16 T1 PORTS, RED AC POWER,3 FE UTP RJ-45 ETH PORTS	RAD DATA COMMUNICATI
DS4900320000	IPMUX-216/ACR/16T1/NULL/NULL	IPMUX-216 PWE 16 T1 ports, RED AC power 3 FE/GE Empty SFP sockets	RAD DATA COMMUNICATI
DS4900340000	IPMUX-216/ACR/16T1NULLNULL/U	IPMUX-216 PWE 16 T1, RED AC, 2 FE/GE EMPTY SFP SOCKETS,1 UTP RJ-45 ETH	RAD DATA COMMUNICATI
DS4900360000	IPMUX-216/48R/16T1/UTP/UTP/UT	IPMUX-216 TDM PWE gw,dual 48VDC PS,16T1, 3 UTP Ports	RAD DATA COMMUNICATI
DS4900710000	IPMUX-216/ACR/8T1/NULL/NULLU	IPMUX-216 PWE 8 T1, RED AC, 2 FE/GE Empty SFP sockets,1 UTP RJ-45 Eth	RAD DATA COMMUNICATI
DS4900770000	IPMUX-216/ACR/8T1/UTP/UTP/NU	IPMUX-216 PWE 8 T1, RED AC,2 UTP RJ-45 ETH, 1 FE/GE EMPTY SFP SOCKET	RAD DATA COMMUNICATI
DS4900840000	IPMUX-216/AC/16T1/UTP/UTP/NU	IPMUX-216 PWE 16 T1, AC,2 UTP RJ-45 Eth, 1 FE/GE Empty SFP socket	RAD DATA COMMUNICATI
DS4900850000	IPMUX-216/ACR/8T1/UTP/UTP/UTI	IPMUX-216 PWE 8 T1 PORTS, RED AC POWER,3 FE UTP RJ-45 ETH PORTS	RAD DATA COMMUNICATI
DS4900860000	IPMUX-216-M/48	PLUGGABLE POWER SUPPLY MODULE FOR IPMUX-216, -48 VDC	RAD DATA COMMUNICATI
DS4900870000	IPMUX-216-M/AC	PLUGGABLE POWER SUPPLY MODULE FOR IPMUX-216, 100-240 VAC	RAD DATA COMMUNICATI
DS4901130000	IPMUX-216/48R/16T1/N/N/UTP	IPMUX-216 PWE 16 T1, RED AC, 2 FE/GE EMPTY SFP SOCKETS,1 UTP RJ-45 ETH	RAD DATA COMMUNICATI
DS4901180000	IPMUX-216/AC/16T1/UTP/UTP/UTF	IPMUX-216 PWE 16 T1 PORTS, AC POWER,3 FE UTP RJ-45 ETH PORTS	RAD DATA COMMUNICATI
DS4901480000	IPMUX-216/ACR/8T1/NULLNULLNU	IPMUX-216 PWE 8 T1 ports, RED AC power 3 FE/GE Empty SFP sockets	RAD DATA COMMUNICATI
DS4901620000	IPMUX-216/ACR/16T1/UTP/UTP/NU	IPMUX-216 PWE 16 T1, RED AC,2 UTP RJ-45 Eth, 1 FE/GE Empty SFP socket	RAD DATA COMMUNICATI
DS4901850000	IPMUX-216/48R/8T1/UTP/UTP/UTF	IPMUX-216 PWE 8 T1 ports, RED DC power,3 FE UTP RJ-45 Eth ports	RAD DATA COMMUNICATI
DS4902020000	IPMUX-216/48R/16T1NULLNULLNU	IPMUX-216 PWE 16 T1 ports, RED DC power 3 FE/GE Empty SFP sockets	RAD DATA COMMUNICATI
DS4902440000	IPMUX-216/AC48/16T1/N/N/UTP	IPMUX-216 PWE 16 T1,1 AC, 1DC 2 FE/GE EMPTY SFP SOCKETS,1UTP RJ-45 ETH	RAD DATA COMMUNICATI
DS4980740000	RICI16-EVPL	RICI-16 SW LICENSE TO ACTIVATE EVPL SERVICES USING ETHERNET FLOWS	RAD DATA COMMUNICATI
DS5000XT	5000-XT	DIGITAL POWER METER	BIRD ELECTRONIC CORP
DS500572	500572	INVERTER, 1KW MOD -48VDC120VAC/60HZ	ELTEK INC
DS500GALUPGGRC	500 GALLON UPGRADE	UPG 24"/189GL SUBBASE TNK TO 500 GAL	GENERAC POWER SYSTEM
DS500GLDSLUPGONA	DS500GLDSLUPGONA	UPSIZE STD 24 HOUR RUNTIME DIESEL SUBBASE TANK TO 500 GAL TANK	CUMMINS NPOWER LLC
DS500GTANKUPGB	DS500GTANKUPGB	500 GALLON SUB BASE FUEL TANK OPTION (FOR 60-80KW) ADDER TO GENSET	GENERAC POWER SYSTEM
DS5010160000	CBL-HS2/V/1/M	CBL-HS2V1 : V.35 male cable for the HS-2 High Speed Data Module	RAD DATA COMMUNICATI
DS5010180000	CBL-VC16	CBL-VC16 Octopus Cable for Megaplex E&M module 50 pin Telco to 6 RJ45	RAD DATA COMMUNICATI
DS5010750000	CBL-HSR/M	CBL-HSR/M 1-2 PORT SPLITTER FOR HSR/RS-232 MP LOW SPEED DATA MODUL	RAD DATA COMMUNICATI
DS5010760000	CBL-HSR/F	CBL-HSR/F 1-2 PORT SPLITTER FOR HSR/RS-232 MP LOW SPEED DATA MODULE	RAD DATA COMMUNICATI
DS5010850000	CBL-LS12/F	MEGAPLEX OCTOPUS CABLE FOR LS12 (NEED 2 PCS) OR LS6N (FEMALE)	RAD DATA COMMUNICATI
DS5010860000	CBL-LS12/M	Megaplex OCTOPUS CABLE FOR LS12 (NEED 2 PCS) OR LS6N (MALE)	RAD DATA COMMUNICATI
DS5010B	5010B	DUAL-SOCKET THRULINE DIRECTIONAL POWER SENSOR	BIRD ELECTRONIC CORP
DS5017D	5017D	5017D WIDEBAND POWER SENSOR 25-1000MHZ 500MW-500W	BIRD ELECTRONIC CORP
DS5019D	5019D	5019D WIDEBAND POWER SENSOR 100MW - 100W AVG, 260W PEAK	BIRD ELECTRONIC CORP
DS50206801	50-206801	AXELL DUAL WINDOW UHF BDA 8 CHANNEL	AXELL WIRELESS
DS502650	502650	1 AMP CIRCUIT BREAKER	ELTEK INC
DS502651	502651	3 AMP CIRCUIT BREAKER	ELTEK INC
DS502652	502652	5 AMP CIRCUIT BREAKER	ELTEK INC
DS502653	502653	BREAKER 10A 1P AUX 5/16 BULLET	ELTEK INC
DS502654	502654	15 AMP CIRCUIT BREAKER	ELTEK INC
DS502656	502656	25 AMP CIRCUIT BREAKER	ELTEK INC
DS502657	502657	BREAKER 30A 1P AUX 5/16 BULLET	ELTEK INC
DS502658	502658	BREAKER 35A 1P AUX 5/16 BULLET	ELTEK INC
DS502659	502659	BREAKER 40A 1P AUX 5/16 BULLET	ELTEK INC
DS502661	502661	BREAKER 60A 1P AUX 5/16 BULLET	ELTEK INC

DS502662	502662	70 AMP CIRCUIT BREAKER	ELTEK INC
DS502663	502663	BREAKER 75A 1P AUX 5/16 BULLET	ELTEK INC
DS502664	502664	80 AMP BREAKER	ELTEK INC
DS502665	502665	BREAKER 90A 1P AUX 5/16 BULLET	ELTEK INC
DS502666	502666	100 AMP CIRCUIT BREAKER	ELTEK INC
DS502849	502849	TCHPS FUSE PULLOUT, 300-800 AMP	ELTEK INC
DS502877	502877	48V 125AH 12V125F ENERSYS BATT SET	ELTEK INC
DS5030050000	ASMI-54/4ETH/8W	ASMI G.SHDLSL.BIS MODEM,FOUR PORTS OF 10/100BASET,8 WIRES	RAD DATA COMMUNICATI
DS503473	503473	RELAY RACK R-19-7-6 45U-ELTEK SKU	ELTEK INC
DS503500	503500	KIT 23 INCH MOUNTING BD-450 19 INCH 3U, OPTIONAL	ELTEK INC
DS503591	503591	GMT FUSE PANEL, 1U 20P A/B, 60A	ELTEK INC
DS503625	503625	INVERTER SYSTEM, 3KW, 48VDC120VAC/60HZ	ELTEK INC
DS503787	503787	BATTERY, 24V 125AH 12V125F BATT SET	ELTEK INC
DS503833	503833	STEEL RELAY RACK R-23-7-6 45U-ELTEK SKU	ELTEK INC
DS503853	503853	BATTERY CABLES FOR BATTERY STRING, 10' FOR FLATPACK	ELTEK INC
DS504000	504000	BATTERY DISCONNECT PANEL	ELTEK INC
DS504237	504237	BATTERY, 48V 150AH BATTERY ST 12AVR-150ET-48	ELTEK INC
DS504584	504584	20 POSITION CIRCUIT BREAKER WITH GROUND BAR	ELTEK INC
DS504585	504585	4U 600A BREAKER DIST 24P 23 INCH COVER	ELTEK INC
DS504880	504880	BATTERY T6RAY KIT 23 INCH HEAVY DUTY	ELTEK INC
DS504934	504934	CABLE, 8P ALARM FLATPACK MCU 50FT	ELTEK INC
DS504974	504974	BATTERY SHIELD 19 IN X 6IN RAIL, (COVER)	ELTEK INC
DS505303	505303	BATTERY, 48V 1020 AH, DDM85-25 BATT SET	ELTEK INC
DS505317	505317	48V 1200AH DDM100-25 BATT SET 3WX8H	ELTEK INC
DS505345	505345	48V 595AH 2DDM85-15 BATT 4WX6H	ELTEK INC
DS505534	505534	CB-24/48-16/FILLERS-G-B-U BLK	ELTEK INC
DS506047	506047	RACK, 23-7-6 (45U) NON-SEISMIC BOLTED RACK, QTY4 HD BATT TRAY,	ELTEK INC
DS506074	506074	48V 1500AH BATT SET DDM125-25 4WX6H	ELTEK INC
DS506100	506100	PB-XX/XXX-17A BATTERY RACK	ELTEK INC
DS506398	506398	BATTERY, 48V 300AH DDM50-13 BATT SET 4X6	ELTEK INC
DS506495	506495	BATTERY, 48V 1625AH DDM125-27 BATT SET 4WX6H	ELTEK INC
DS506574	506574	48V 155AH 12V155FS ENERSYS BATT SET	ELTEK INC
DS506576	506576	BATTERY, 24V 155AH 12V155FS ENERSYS BATT SET	ELTEK INC
DS506715	506715	GMT FUSE PNL, 20P,+/- 24/48 VDC	ELTEK INC
DS506751	506751	48V 400AH BAT SET #DDM50-17 4WX6H	ELTEK INC
DS506835	506835	BATTERY, 48V 1360AH BATT SET DDM85-33 4X6	ELTEK INC
DS507034	507034	48V 92AH 12V92F ENERSYS BATT SET	ELTEK INC
DS507055	507055	BATTERY, 48 V 62 AH 12V62F ENERSYS BATT SET	ELTEK INC
DS50AMFN20	50-A-MFN-20	ATTENUATOR 50W 20DB (N(M) TO N(F) DC -2.4 GHZ	BIRD ELECTRONIC CORP
DS50DGHDAODDL	GHDA 50KW DIESEL, OD HSG	GENERATOR, 50KW DIESEL, 120/240V 1PH, OD HOUSING	CUMMINS NPOWER LLC
DS50DGHDAADL	GHDA 50KW DSL, SND ATTN HSG	GENERATOR, 50KW DIESEL, 120/240V 1PH, LVL2 SOUND ATTENUATED HSG	CUMMINS NPOWER LLC
DS5130010000	MIRICI-E3T3/GE	MIRICI Gigabit Ethernet to E3/T3 (WAN) converter.	RAD DATA COMMUNICATI
DS5130030000	MIRICI-E1T1/FE	MIRICI Fast Ethernet to E1/T1 (WAN) converter.	RAD DATA COMMUNICATI
DS5130040000	MIRICI-E1T1/GE	MIRICI GIGABIT ETHERNET TO E1/T1 (WAN) CONVERTER.	RAD DATA COMMUNICATI
DS5130050000	MIRICI-E3T3/FE	MIRICI Fast Ethernet to E3/T3 (WAN) converter.	RAD DATA COMMUNICATI
DS5160020000	SPH-16/ACR	SFP PATCHING HUB, 12 PORTS, REDUNDANT AC POWER SUPPLY	RAD DATA COMMUNICATI
DS5180030000	MITOP-E1T1/FE	MITOP SFP-FORMAT E1/T1 TDM PSEUDOWIRE GATEWAY, FAST ETHERNET SFP	RAD DATA COMMUNICATI
DS5180060000	MITOP-E3T3/FE	MITOP SFP-FORMAT E3/T3 TDM PSEUDOWIRE GATEWAY, FAST ETHERNET SFP	RAD DATA COMMUNICATI
DS5180070000	MITOP-E3T3/FE/H	MITOP SFP-FORMAT E3/T3 TDM PWE, FAST ETHERNET SFP PORT, HARDENED	RAD DATA COMMUNICATI
DS5180130000	MITOP-E1T1/GE	MITOP SFP-FORMAT E1/T1 TDM PWE, 10/100/1000 BASET ETHERNET USER PO	RAD DATA COMMUNICATI
DS5180180000	MITOP-E3T3/GE	MITOP SFP-FORMAT E3/T3 TDM PWE, 10/100/1000 BASET ETHERNET USER PO	RAD DATA COMMUNICATI
DS518TMMN	5-18T-MN	RF LOAD/TERMINATION 5 WATT, 18 GHZ, 5-18T SERIES	BIRD ELECTRONIC CORP
DS5200010000	OP-106-M/ST/13L	OPTIMUX-106 UPLINK MODULE,ST connector,1310 NM SINGLE MODE SHORT F	RAD DATA COMMUNICATI
DS5200030000	OP-106/ETH/SC/13L	OP-106-4 T1 & ETHERNET FIBER MUX,SC,1310NM SM SHORT HAUL	RAD DATA COMMUNICATI
DS5200100000	OP-106/R/ETH/ST/13/D	OP-106-4 T1 & ETHERNET Fiber MUX,RED power,ST,1310nm, MM, Dual uplink	RAD DATA COMMUNICATI
DS5200160000	OP-106/SC/SF1	OP-106-4 T1 Fiber MUX,SC,1550 Tx, 1310 Rx, Single fiber	RAD DATA COMMUNICATI
DS5200170000	OP-106/SC/SF2	OP-106-4 T1 Fiber MUX,SC, 1310 Tx, 1550 Rx, Single fiber	RAD DATA COMMUNICATI
DS5200190000	OP-106/R/SC/13L/D	OP-106-4 T1 Fiber MUX,RED power,SC,1310NM SM,Dual uplink	RAD DATA COMMUNICATI
DS5200200000	OP-106/ST13L	OP-106-4 T1 FIBER MUX,ST,1310 NM SM SHORT HAUL	RAD DATA COMMUNICATI
DS5200220000	OP-106/ETH/ST/13L	OPTIMUX 106 4 CH, T1 & ETH MUX, ETH PORT, ST CONN, 1310 NM, SM SH	RAD DATA COMMUNICATI
DS5200230000	OP-106/R/ETH/ST/13L	OP-106-4 T1 & ETHERNET FIBER MUX, RED POWER, ST, 1310NM SM, SHORT H	RAD DATA COMMUNICATI
DS5200250000	OP-106/R/ETH/SC/SF3	OP-106-4T1 & ETHERNET Fiber MUX,RED power,SC,1310Tx &Rx, Single fiber	RAD DATA COMMUNICATI
DS5200280000	OP-106/R/ETH/SC/SF3/D	OP-106-4 T1 & ETHERNET FIBER MUX,RED POWER,SC,1310NM SM SHORT HAU	RAD DATA COMMUNICATI
DS5200310000	OP-106/R/ETH/SC/13L/D	OP-106 4 T1/ETH FIBER MUX,RED.PS,SC,1310NM SM SHORT HAUL,DUAL UPLIN	RAD DATA COMMUNICATI
DS5200320000	OP-106/R/ETH/SC/SF3/D	OP-106 4 T1/ETH Fiber MUX,Red.PS,SC,1310Tx&Rx,Single fiber,Dual uplink	RAD DATA COMMUNICATI
DS5200340000	OP-106/SC/13L	OP-106-4 T1 Fiber MUX,SC,1310NM,SM, SHORT HAUL	RAD DATA COMMUNICATI
DS5200370000	OP-106/R/ETH/SC/SF2/D	OP-106 4T1/ETH FIBERMUX,RED PS,SC,1310TX,1550RX,SINGLEFIBER,RED UPLIN	RAD DATA COMMUNICATI
DS5200410000	OP-106/R/ETH/SC/SF1/D	OP-106 4T1/ETH FIBERMUX,RED PS,SC,1550TX,1310RX,SINGLE FIBER,REDUPLIN	RAD DATA COMMUNICATI
DS5200450000	OP-106/ETH/ST/13	OP-106 4T1/ETH FIBERMUX,ST, 1310 NM, MM	RAD DATA COMMUNICATI
DS5200460000	OP-106/SC/SF3	OP-106 4T1 Fiber MUX,SC, 1310Tx &Rx, Single fiber	RAD DATA COMMUNICATI
DS5200490000	OP-106/R/ST/13L	OP-106 4T1 Fiber MUX,RED power,ST, 1310NM, SM, SHORT HAUL	RAD DATA COMMUNICATI

DS5200510000	OP-106/SC/13	OP-106 4T1 FIBER MUX,SC, 1310 NM, MM	RAD DATA COMMUNICATI
DS5200530000	OP-106/ST13	OP-106 4T1 FIBER MUX ,ST, 1310NM, MM	RAD DATA COMMUNICATI
DS5200660000	OP-106/R/ETH/SC/13	OP-106 4 CH T1 MUX, RED PS, ETH PORT, SC CONN, 1310 NM MULTIMODE LED	RAD DATA COMMUNICATI
DS5200710000	OP-106/R/ETH/SC/13LH/D	OP-106 4 CH T1 & ETH MUX,Red PS,SC,1310 NM SM LONG HAUL,Dual uplink	RAD DATA COMMUNICATI
DS5200760000	OP-106/R/SC/13	OP-106 4 CH T1 MUX,SC CONN,FIBER INTERFACE, 1310 NM MM, RED. POWER	RAD DATA COMMUNICATI
DS5201330000	OP-106/R/ETH/SC/15L/D	OP-106 FIBER MUX,RED PS,ETH,SC CONN,1550NM SM LASER, DUAL UPLINK	RAD DATA COMMUNICATI
DS52057010	520570-10	520570-10, INBOARD SIDE STRUT KIT FOR 6 FT MICROWAVE ANTENNAS	COMMSCOPE TECHNOLOGI
DS5205702	520570-2	OPTIONAL SIDE STRUT FOR 4 AND 6 FT REFLECTORS, METRIC HARDWARE	COMMSCOPE TECHNOLOGI
DS5206533	520653-3	520653-3 KIT HARDWARE KIT PER ANTENNA	COMMSCOPE TECHNOLOGI
DS5220020000	OP-106-M/SC/13L	OPTIMUX-106 UPLINK MODULE,SC CONECTOR,1310 NM SINGLE MODE SHORT	RAD DATA COMMUNICATI
DS5220030000	OP-106-M/FC/13L	OPTIMUX-106 UPLINK MODULE,FC connector,1310 NM SINGLE MODE SHORT F	RAD DATA COMMUNICATI
DS5220070000	OP-106-M/SC/SCF3	OPTIMUX-106 UPLINK MODULE,SC,1310 Tx and Rx, Single fiber	RAD DATA COMMUNICATI
DS5260100000	AIRMUX-IDU/2ETH	Airmux IDU, 2 10/100BaseT,9.5 in unit RM-33 & power not incl	RAD DATA COMMUNICATI
DS5260110000	AIRMUX-IDU/2TDM	AIRMUX IDU,2 T1, 2 10/100BASET 9.5 IN RM-33 & POWER NOT INCL	RAD DATA COMMUNICATI
DS5260160000	AIRMUX-400-ANT/22/4451/FP	Airmux-400 Flat panel ant,1.2ft, dual pol, gain 22dBi,4.40-5.10GHz	RAD DATA COMMUNICATI
DS5260180000	AIRMUX-400-ANT/28/5260/DISH	AIRMUX-400 DISH ANT,2FT, DUAL POL, GAIN 28DBI, 4.90-6.06 GHZ	RAD DATA COMMUNICATI
DS5260190000	AIRMUX-TERMINATION-KIT	AIRMUX CABLE TERM KIT FOR OUTDOOR CABLES, INCL 10 GLANDS & 10 RJ-45	RAD DATA COMMUNICATI
DS5260270000	AIRMUX-400-ANT/32/4958/DISH	Airmux-400 Dish ant, 3ft, dual pol, gain 32dBi, 4.90-5.875 GHz	RAD DATA COMMUNICATI
DS5260290000	AIRMUX-5000-BS-ANT/14/4959/FP	Airmux-5000 Base Flat ant,dual pol, gain 14dBi, 4.90-5.950GHz,90deg	RAD DATA COMMUNICATI
DS5261060000	AIRMUX-POE/GBE/ET/DC	POE DEVICE SUPPORTING PSE, GIGABIT ETHERNET PORT, DC	RAD DATA COMMUNICATI
DS5261100000	CBL-AIRMUX-RF/1.2M	AIRMUX 1.2M RF CABLE	RAD DATA COMMUNICATI
DS5261110000	CBL-AIRMUX-RF/2M	AIRMUX 2M RF CABLE	RAD DATA COMMUNICATI
DS5261220000	AIRMUX-OPOE/GBE/DC	AIRMUX DC OUTDOOR POE, 10VDC-60VDC POWER FEEDING	RAD DATA COMMUNICATI
DS5261360000	AIRMUX-GSU/HSSOE	GSU: OUTDOOR GPS-BASED SYNC UNIT FOR INTER-SITE SYNC SUPPORTING HS	RAD DATA COMMUNICATI
DS5261410000	AIRMUX-IDUH/2ETH	IDU-H, 2 X ETHERNET PORTS, 1000 BASET INTERFACE AND 2 X SFP PORTS	RAD DATA COMMUNICATI
DS5261420000	AIRMUX-OUTDOOR-LPU	OUTDOOR LIGHTNING PROTECTION UNIT,10/100/1000BASE-TPOE SURGE PRO	RAD DATA COMMUNICATI
DS5261430000	AIRMUX-OUTDOOR-LPU-KIT	KIT OF 10 OUTDOOR LIGHTNING PROT UNIT,10/100/1000BASE-TPOE SURGE PF	RAD DATA COMMUNICATI
DS5270190000	ETX-205A-PS/AC	ETX-205 SWAPPABLE POWER SUPPLY, AC	RAD DATA COMMUNICATI
DS5270200000	ETX-205A-PS/DC	ETX-205 SWAPPABLE POWER SUPPLY, DC	RAD DATA COMMUNICATI
DS5270290000	ETX-205A/ACR/19	ETX-205A RED AC power supply, 19 in metal box	RAD DATA COMMUNICATI
DS5270500000	ETX-205A/ACR/19/4E1T1	CARRIER ETH DEMARCATION, DUAL AC PS, 19 INCH METAL BOX, 4 E1/T1 PORT	RAD DATA COMMUNICATI
DS5270540000	ETX-205A/DCR/19/4E1T1	CARRIER LITE DEMARCATION, DUAL DC PS, 19 IN METAL BOX, 4 E1/T1 PORTS	RAD DATA COMMUNICATI
DS5290580000	SFP-ER	SFP ETHERNET RANGE EXTENDER	RAD DATA COMMUNICATI
DS5291070000	SFP-CA.2	SFP CONFIG ADAPTER FOR SMART SFP'S TO A PC, SUPP WINXP, 7,8 AND 8.1	RAD DATA COMMUNICATI
DS5300110000	ETX-203A_SW/GE	ETX-203A software package, 1 Gbps per port	RAD DATA COMMUNICATI
DS5300120000	ETX-203A_SW/GE30	ETX-203A software package, 1 Gbps per port, 30 shaped EVCs	RAD DATA COMMUNICATI
DS5472950000	OP-1551/2X6384/AC/R/ST/13/D	Optimux-1551 SDH/SONET TERMINAL MULTIPLEXER	RAD DATA COMMUNICATI
DS5480510000	OP-1551/6384/AC/R/ST/15L	OP-1551 MUX 63E1/84T1 O/ STM-1/OC-3,ACR, ST 1550NM SM LASER SHORT-H	RAD DATA COMMUNICATI
DS5480BH20US	5480BH20US	5.4 GHZ PTP 230 - 20 MBPS BACKHAUL INTEGRATED - SINGLE RADIO -US ONLY	CAMBUIUM NETWORKS LIM
DS55000A137	55000A-137	PRESSURE WINDOW	COMMSCOPE TECHNOLOGI
DS55001112	55001112	PRESSURE WINDOW ASSEMBLY (CPR112)	COMMSCOPE TECHNOLOGI
DS55001137	55001-137	PRESSURE WINDOW	COMMSCOPE TECHNOLOGI
DS5502UE008U1000	5502UE 008U1000	CABLE, 4C22-CMR-GY-B-BED BELDEN 1000 FT	ANIXTER INC
DS55053503	55053-503	STANDARD 19 IN RACK CL	ANIXTER INC
DS55053703	55053-703	CHATSWORTH-7 INCH RACK RELAY (84H X 19W INCH) DOBL SIDE ALUMINUM B	ANIXTER INC
DS554579	554579	BATTERY, 6 CELLS,12V,202AH,C&D TEL12-210	EMERSON NETWORK POWE
DS5605A16FNRJ1S	5605A16FNRJ1S	SPD, TYPE 2, MOV, 120/240 VAC 1-PHASE	CELL MANAGEMENT SYST
DS560YA16FNRJ1S	560YA16FNRJ1S	SPD, TYPE 2, MOV, 120/208VAC 3-PHASE	CELL MANAGEMENT SYST
DS565162	565162	TRIPP LITE B140-101X DVI OVER CAT5 EXTENDER TRANSMITTER AND REC	ANIXTER INC
DS565177	565177	TRIPP LITE B203-104 4-PORT HIGH SPEED USB 2.0 OVER CAT5 EXTEND HUB KIT	ANIXTER INC
DS565513	QUOTE # 50621	TRIPP LITE SRCABLERING1U, RACK ENC CABINET, HORIZONTAL CABLE RING	ANIXTER INC
DS565515	QUOTE # 50621	TRIPP LITE SRCABLERINGVRT, RACK ENC CABINET 6FT, VERTICAL CABLE RING	ANIXTER INC
DS56783719	567-837-19	KYDEX COVER, REAR, 19 INCH 1RU 4/5-MODULE 1.2KW SHELF	ALPHA TECHNOLOGIES L
DS5698758	98319206 / MFG: 569875-8	WHITE HOOD BOOT .210	GRAYBAR ELECTRIC CO
DS5700060000	ETX-5300A/ACR	ETX-5300A 10GE Redundant Carrier Ethernet Platform, RED AC power	RAD DATA COMMUNICATI
DS5705A16FNRJ1S	5705A16FNRJ1S	SPD, TYPE 1, SAD/MOV, 120/240 VAC 1-PHASE	CELL MANAGEMENT SYST
DS570YA16FNRJ1S	570YA16FNRJ1S	SPD, TYPE 1, SAD/MOV, 120/208 VAC 3-PHASE	CELL MANAGEMENT SYST
DS5760190000	RADVIEW-PC	RADVIEW-PC CARRIER CLASS NETWORK MANAGEMENT SYSTEM	RAD DATA COMMUNICATI
DS5760200000	RADVIEW-PC/PM	RADview-PC network management system, performance monitoring	RAD DATA COMMUNICATI
DS58009273001	58009273001	EWP52 - PREMIUM ELLIPTICAL WAVEGUIDE, 5.725 - 6.425 GHZ (PER FT)	CAMBUIUM NETWORKS LIM
DS58009273002	58009273002	EWP90 - PREMIUM ELLIPTICAL WAVEGUIDE, 10.7 - 11.7 GHZ (PER FT)	CAMBUIUM NETWORKS LIM
DS58009273003	58009273003	EWP63 - PREMIUM ELLIPTICAL WAVEGUIDE, 6.425 - 7.125 GHZ (PER FT)	CAMBUIUM NETWORKS LIM
DS58009279001	58009279001	1 FT FLEX WAVEGUIDE 11 GHZ - CRP90G/CRP90G	CAMBUIUM NETWORKS LIM
DS58009279002	58009279002	2 FT FLEX WAVEGUIDE 11 GHZ - CRP90G/CRP90G	CAMBUIUM NETWORKS LIM
DS58009280001	58009280001	1 FT FLEX WAVEGUIDE 6 GHZ - CRP137G/CRP137G	CAMBUIUM NETWORKS LIM
DS58009280002	58009280002	2 FT FLEX WAVEGUIDE 6 GHZ - CRP137G/CRP137G	CAMBUIUM NETWORKS LIM
DS58009280003	58009280003	3 FT FLEX WAVEGUIDE 6 GHZ - CRP137G/CRP137G	CAMBUIUM NETWORKS LIM
DS58009281004	58009281004	IRFU,ANSI,11G,1+1,EQ,10/30MHZ,HP	CAMBUIUM NETWORKS LIM
DS58009283001	58009283001	PRESSURE WINDOW FOR WR137, 5.85-8.2 GHZ, MATES TO CPR137G	CAMBUIUM NETWORKS LIM
DS58009283002	58009283002	PRESSURE WINDOW FOR WR90, 8.2-12.4 GHZ, MATES TO CPR90G	CAMBUIUM NETWORKS LIM
DS58009284001	58009284001	2-PORT GAS DISTRIBUTION MANIFOLD	CAMBUIUM NETWORKS LIM

DS58009284002	58009284002	4-PORT GAS DISTRIBUTION MANIFOLD	CAMBIUM NETWORKS LIM
DS58010076005	58010076005	3 FT FLEX WAVEGUIDE 11-13 GHZ - UBR120/ PBR120	CAMBIUM NETWORKS LIM
DS58010076011	58010076011	3FT FLEX WAVEGUIDE 18-26 GHZ - UBR220/ PBR220	CAMBIUM NETWORKS LIM
DS58010076016	58010076016	FLEXIBLE TWIST,WR137,PDR70,35.0 INCH,CPR137G,5.85-8.2 GHZ,VSWR 1.10	CAMBIUM NETWORKS LIM
DS58010076018	58010076018	3FT FLEX WAVEGUIDE 11 -13 GHZ - CPR90G/PDR100	CAMBIUM NETWORKS LIM
DS58010077001	58010077001	TAPERED TRANSITION, WR75 - WR90, PBR120, UDR100	CAMBIUM NETWORKS LIM
DS58102000000	AIRMUX-PS-E-AC/ACUS	AIRMUX AC POWER ADAPTOR FOR IDU REQUIRED FOR AC POWER	RAD DATA COMMUNICATI
DS5810210000	AIRMUX-400/IDUE/16TDM	Airmux-400 IDU,16 T1, 2 FE BaseT,SFP port &Alarm interface, 19 in unit	RAD DATA COMMUNICATI
DS5810220000	AIRMUX-400/IDUE/4TDM	AIRMUX-400 IDU,4 T1, 2 FEBASET,SFP PORT &ALARM INTERFACE, 19 IN UNIT	RAD DATA COMMUNICATI
DS5810230000	AIRMUX-400/IDUE/8TDM	AIRMUX-400 IDU,8 T1, 2 FEBASET,SFP PORT &ALARM INTERFACE, 19 IN UNIT	RAD DATA COMMUNICATI
DS5810330000	AIRMUX-400-ANT/19/2327/FP	Airmux-400 Flat panel ant, 1.2ft, dual pol, gain 19dBi, 2.30-2.70 GHz	RAD DATA COMMUNICATI
DS5810480000	AIRMUX-400/ODU/F49F/200M/EXT	Airmux-400 ODU, factory default 4.9 GHz, FCC,100Mbps Ethernet ext ant	RAD DATA COMMUNICATI
DS5810540000	AIRMUX-400/ODU/F49F/200M/INT	AIRMUX-400 INTEGRATED ODU UNIT, FACTORY DEFAULT 4.9 GHZ, FCC, 100MB	RAD DATA COMMUNICATI
DS5810660000	AIRMUX-400/ODU/F3XF/100M/INT	Airmux-400 Integ ODU,100Mbps,multi freq 3.x GHz,default 3.65GHz FCC/IC	RAD DATA COMMUNICATI
DS5810670000	AIRMUX-400/ODU/F3XF/100M/EXT	Airmux-400 ODU,100M Conn(2xN-type) multi freq,3.xGHz,default 3.65GHz	RAD DATA COMMUNICATI
DS5810710000	AIRMUX-400/ODU/F58F/200M/EXT	Airmux ODU, default 5.8GHz, FCC/IC, 200 Mbps Ethernet, external ant	RAD DATA COMMUNICATI
DS5810720000	AIRMUX-400/IDUE/2GBE	AIRMUX-400 IDU-E,2 FE/GEASET, SFP PORT AND ALARM INTERFACE, 19 IN	RAD DATA COMMUNICATI
DS5810760000	AIRMUX-400/ODU/F54E/200M/INT	Airmux ODU, factory default 5.4GHz, ETSI, 200 Mbps Ethernet throughput	RAD DATA COMMUNICATI
DS5810800000	AIRMUX-400/ODU/F58F/200M/INT	AIRMUX-400 INTEGRATED ODU,MULTI FREQ 5.XGHZ,DEFAULT 5.8GHZ FCC/IC 2	RAD DATA COMMUNICATI
DS5810840000	AIRMUX-400L/ODU/F58F/EMB	AIRMUX-400 ODU,50M,EMBED,&CONN,MULTI-BAND 5.X,FCC/IC,DEFAULT 5.8F	RAD DATA COMMUNICATI
DS5810880000	AIRMUX-400L/ODU/F49F/EMB	AIRMUX-400 ODU,50M,EMBED&CONN,MULTI-BAND 5.X,FCC/IC,DEFAULT 4.9F	RAD DATA COMMUNICATI
DS5810890000	AIRMUX-400/ODU/F25F/100M/INT	Airmux-400 ODU 100M integrated ant,single band 2.5GHz FCC-BRS	RAD DATA COMMUNICATI
DS5810900000	AIRMUX-400/ODU/F25F/100M/EXT	Airmux-400 ODU 100M,Conn (2x N-type),single band 2.5 GHz FCC-BRS	RAD DATA COMMUNICATI
DS5811090000	AIRMUX-400/ODU/F24F/200M/INT	Airmux-400 Integrated ant, default 2.4GHz, FCC/IC, 200 Mbps	RAD DATA COMMUNICATI
DS5811100000	AIRMUX-400/ODU/F24F/200M/EXT	Airmux-400 Ext ant, default 2.4 GHz, FCC/IC, 200 Mbps	RAD DATA COMMUNICATI
DS5811360000	AIRMUX-400H/ODU/F58F/INT	AIRMUX-400H ODU, WITH AN INTEGRATED ANTENNA	RAD DATA COMMUNICATI
DS5811370000	AIRMUX-400H/ODU/F58F/EXT	AIRMUX-400H ODU, CONNECTORIZED FOR EXTERNAL ANTENNA	RAD DATA COMMUNICATI
DS582120600	582120600	NETSURE 801DB BDFB MODEL NUMBER 1293V3	EMERSON NETWORK POWE
DS582127000318751A	58212700020318751A	DC POWER SYSTEM, -48V, NETSURE 721 582127000	EMERSON NETWORK POWE
DS582127000318751B	58212700020318751B	DC POWER SYSTEM, -48V, NETSURE 721 582127000 DS582127000318751B	EMERSON NETWORK POWE
DS582136600	582136600	NETSURE 211 MINI POWER SYSTEM SCU+ CONTROLLER	EMERSON NETWORK POWE
DS582136600C	582136600	NETSURE 211 MINI POWER SYSTEM SCU+ CONTROLLER QUOTE 20316434	EMERSON NETWORK POWE
DS582136700	582136700	NETSURE 502 48V INTEGRATED SYSTEM, ACU+ CONTROLLER	EMERSON NETWORK POWE
DS582140000	582140000	DC POWER SYSTEM, NETSURE 802 POWER SYSTEM 208/240VAC INPUT VOLTAC	EMERSON NETWORK POWE
DS588820200	588820200	BATTERY RACK, -48V, 23 INCH	EMERSON NETWORK POWE
DS588820200A	588820200	BATTERY RACK, -48V, 23 INCH QUOTE 20316432	EMERSON NETWORK POWE
DS588C	588C	5/8X8 SOLID CU GROUND ROD	HARGER INC
DS5950030000	AIRMUX-400H/ODU/F49F/INT	AIRMUX-400H ODU,INT ANT,MULTI FREQ AT 5.X GHZ,DFT 4.9 GHZ FCC/IC	RAD DATA COMMUNICATI
DS5950040000	AIRMUX-400H/ODU/F49F/EXT	AIRMUX-400H ODU,FOR EXT ANT,MULTI FREQ AT 5.X GHZ,DFT 5.8 GHZFCC/IC	RAD DATA COMMUNICATI
DS5AMFN03	5AMFN03	ATTENUATOR, 5W, 3DB, N(M) TO N(F) DC -4.0 GHZ	BIRD ELECTRONIC CORP
DS5AMFN06	5AMFN06	ATTENUATOR, 5W, 6DB, N(M) TO N(F) DC -4.0 GHZ	BIRD ELECTRONIC CORP
DS5ENP4P24WHPBERPV	99477805/5ENP4P24-WH-PBER-PV	CABLE, CAT 5E CABLE 1000 FT BOX - WHITE	GRAYBAR ELECTRIC CO
DS5PXNETCARD	DS5PXNETCARD	NETWORK CARD FOR ALL SPX MODELS	SEPS INC
DS5PXR1000N007	5PXR1000N007	SPS, 5PX, 1000W, RACK MOUNT, 120V, SOFTWIRED, 7 MIN RUNTIME	SEPS INC
DS5PXR14401021	5PXR14401021	SPS, 5PX, 1440W, RACK MOUNT, 120V, SOFTWIRED, 21 MIN RUNTIME	SEPS INC
DS5PXR14404082	DS5PXR14404082	SPS, 5PX, 1440W, RACK MOUNT, 120V, SOFTWIRED, 82 MIN RUNTIME	SEPS INC
DS5PXR1440N003	DS5PXR1440N003	SPS, 5PX, 1440W, RACK MOUNT, 120V, SOFTWIRED, 3 MIN RUNTIME	SEPS INC
DS5PXR19201015	5PXR19201015	SPS, 5PX, 1920W, RACK MOUNT, 120V, SOFTWIRED, 15 MIN RUNTIME	SEPS INC
DS5PXR19202029	DS5PXR19202029	SPS, 5PX, 1920W, RACK MOUNT, 120V, SOFTWIRED, 29 MIN RUNTIME	SEPS INC
DS5PXR1920N003	DS5PXR1920N003	SPS, 5PX, 1920W, RACK MOUNT, 120V, SOFTWIRED, 3 MIN RUNTIME	SEPS INC
DS5PXR27001019	5PXR27001019	SPS, 5PX, 2700W, 3U RACK MOUNT, 120V, SOFTWIRED, 19 MIN RUNTIME	SEPS INC
DS5PXR27002035	DS5PXR27002035	SPS, 5PX, 2700W, 3U RACK MOUNT, 120V, SOFTWIRED, 35 MIN RUNTIME	SEPS INC
DS5PXRACKKIT2P	DS5PXRACKKIT2P	TWO-POST RACK-MOUNT KIT FOR EATON SPX	SEPS INC
DS5PXRELAYCARD	DS5PXRELAYCARD	RELAY CARD FOR ALL SPX MODELS	SEPS INC
DS5PXT1000N007	5PXT1000N007	SPS, 5PX, 1000W, TOWER, 120V, SOFTWIRED, 7 MIN RUNTIME	SEPS INC
DS5PXT14404082	DS5PXT14404082	SPS, 5PX, 1440W, TOWER, 120V, SOFTWIRED, 82 MIN RUNTIME	SEPS INC
DS5PXT1440N003	DS5PXT1440N003	SPS, 5PX, 1440W, TOWER, 120V, SOFTWIRED, 3 MIN RUNTIME	SEPS INC
DS5YRWARR15ONA85	UPG TO 5 YR WARR 15KW-85KW D	UPG TO 5 YR WARR 15KW-85KW DSL GENSETS - CUMMINS	CUMMINS NPOWER LLC
DS5YRWARR1GRC100	5 YEAR WARR EXT UP TO100KW	EXTENDS STD 2-YEAR WARRANTY TO 5 YEARS, GENERATORS UP TO 100KW	GENERAC POWER SYSTEM
DS60010000	60-010-000	KEYPAD, RCP FOR FE10K	SEPS INC
DS600SSD	600SSH	SURGE PROTECTOR	CAMBIUM NETWORKS LIM
DS6100008001	6100008-001	WLDMNT ASSY,PMNT BRKT,6IN OFFSET,MMOE (POLE MOUNT)	ALPHA TECHNOLOGIES L
DS61291210	612-912-10	CORDEX 3.1/3.6KW MODULE BLANK, ARGUS GREY	ALPHA TECHNOLOGIES L
DS613465W3	613-465-W3	CORDEX 250/400/650W MODULE BLANK, CHARCOAL	ALPHA TECHNOLOGIES L
DS613707W3	613-707-W3	CORDEX 2RU MODULE BLANK, CHARCOAL (1.8KW CXRF OR 2KW CXDF)	ALPHA TECHNOLOGIES L
DS613815195G1	61-38-15195-G1	2W SB 132-174MHZ, 4-WIN 2.075MHZ GB, 60DB GAIN	TX RX SYSTEMS INC
DS61389AAHHG1	613-89A-AHH-G1	806-869 MHZ 1X14 FLTR HI PWR UP HI PWR DOWN GRAY	TX RX SYSTEMS INC
DS61389ABHHG13	613-89A-BHH-G1-3	SBIII 806-869 MHZ, 800 MHZ 30WIN AC WITH 10MHZ NPSPAC PRV	TX RX SYSTEMS INC
DS6160H24NG	6160-H-24-NG	BATTERY, HIGH CAPACITY, 24VDC OUTPUT, NFPA, GRAY	TX RX SYSTEMS INC
DS6170010000	ETX-5300A-FAN	ETX-5300A FAN UNIT	RAD DATA COMMUNICATI
DS6170070000	ETX-5300A-PS/AC	ETX-5300A power supply unit, 100-240 VAC	RAD DATA COMMUNICATI



DS6170120000	ETX-5300A-MS/CH/S4	ETX-5300A multiservice I/O card, channelized, 4 STM-1/OC-3 ports	RAD DATA COMMUNICATI
DS6170130000	ETX-5300A-PSI	ETX-5300A AC power supply inlet	RAD DATA COMMUNICATI
DS6170170000	ETX-5300A-ETH/20XGE/UTP	ETX-5300A Ethernet IO service card, 20 GbE ports, UTP port	RAD DATA COMMUNICATI
DS6170210000	ETX-5300A-MC/4XFP/AT	ETX-5300A Main Card,quad 10GbEXFP port,adv.timing cap.,1588v2	RAD DATA COMMUNICATI
DS617050A2.0G1	61-70-50-A2.0-G1	2W SBII 450-470 MHZ 2.0 MHZ BW 80 DB GAIN	TX RX SYSTEMS INC
DS6183A06493G1	61-83A-06-493-G1	2W SBII 746-901 MHZ 3-WIN 80 DB GAIN	TX RX SYSTEMS INC
DS6183B50B12G1	61-83B-50-B12-G1	SIGNAL BOOSTER, 764-806 MHZ, SBII, 2 WAY, 60 DB GAIN, 12 MHZ BANDWIDT	TX RX SYSTEMS INC
DS6183E15301G4	61-83E-15301-G4	BIRD 2W SBII 764-896 MHZ, 3-WIN, PORTABLE BDA	TX RX SYSTEMS INC
DS618909341G1	61-89A-09341-G1	TXRX REBANDABLE BDA 2W SBII 806-869 MHZ 18 MHZ BW 80/78 DB GAIN	TX RX SYSTEMS INC
DS6189A50A05G1	61-89A-50-A05-G1	2 W SB11 806-869MHZ 5 MHZ BW 80DB GAIN	TX RX SYSTEMS INC
DS6189A50A15G1	61-89A-50-A15-G1	2W SBII 806-869 MHZ 15 MHZ BW 80 DB GAIN	TX RX SYSTEMS INC
DS6189A50B15G1	61-89A-50-B15-G1	2W SBII 806-869 MHZ 15 MHZ BW 60 DB GAIN	TX RX SYSTEMS INC
DS6189A50C10G1	61-89A-50-C10-G1	2W SBII 806-869 MHZ 10 MHZ BW 45DB GAIN	TX RX SYSTEMS INC
DS6189A60A18N	61-89-A60-A18-N	2W SBII 806-869MHZ 18MHZ BW, 80DB, NFPA COMPLIANT W/O BATTERY	TX RX SYSTEMS INC
DS619G	6-19G	WIRE, #6 AWG THHN, 19 STRAND, GREEN (SOLD INDIVIDUALLY)	HARGER INC
DS62404	62404	DC POWER CORD CIGARETTE ADAPTER	AEROFLEX WICHITA INC
DS6260210000	AIRMUX-POE/GBE/ACUS	AIRMUX POE 100BASET/GE FOR AIRMUX-5000 BASE STATION W/AC POWER	RAD DATA COMMUNICATI
DS6260960000	AIRMUX-5000-BS-ANT/11/4959/FP	Airmux-5000 Base Flat ant, dual pol, gain 12dBi, 5.150-5.875 GHz, 120?	RAD DATA COMMUNICATI
DS63110	6311-0	ATS, 6311-0 TAS200; 2 POLE; 120/240VAC; 1PH; NEMA 3R; INCLUDES CAM-LOK	GENERAC POWER SYSTEM
DS63375	633-75	BATTERY PACK, 7500 MAH	ANRITSU COMPANY
DS6490010000	AIRMUX-5000/SU/F58F/50M/EXT	Airmux 5000HSU,Conn(2x N-type),multi freq 5.xGHz,default 5.8GHz FCC/IC	RAD DATA COMMUNICATI
DS6490020000	AIRMUX-5000/SU/F54E/50M/INT	Airmux 5000HSU,SU integrated ant,multi freq 5.xGHz,default 5.4GHz ETSI	RAD DATA COMMUNICATI
DS6490050000	AIRMUX-5000/BS/F54E/200M/EXT	Airmux 5000HBS,Base, Conn(2x N-type),multi freq 5.xGHz,default 5.4 GHz	RAD DATA COMMUNICATI
DS6490060000	AIRMUX-5000/BS/F58F/250M/EXT	AIRMUX 5000HBS,BASE CONN(2X N-TYPE),MULTI FREQ 5.XGHZ,DEFAULT 5.8GH	RAD DATA COMMUNICATI
DS6490090000	AIRMUX-5000/SU/F58F/50M/INT	AIRMUX 5000HSU INTEGRATED ANT,MULTI FREQ 5.XGHZ,DEFAULT 5.8GHZ FCC	RAD DATA COMMUNICATI
DS6490100000	AIRMUX-5000-BS-ANT/15/4959/FP	AIRMUX-5000 BASE FLAT ANT, DUAL POL, GAIN 15DBI, 4.90-6.060GHZ, 60 DEG	RAD DATA COMMUNICATI
DS6490150000	AIRMUX-5000/SU/F3XF/20M/INT	Airmux 5000HSU integrated ant,multi freq 3.xGHz,default 3.65GHzFCC/IC	RAD DATA COMMUNICATI
DS6490160000	AIRMUX-5000-BS-ANT/14/3338/FP	Airmux-5000 Base Flat ant,dual pol, gain 14dBi, 3.3-3.8GHz bands	RAD DATA COMMUNICATI
DS6490170000	AIRMUX-5000/SU/F54E/50M/EXT	Airmux 5000HSU Conn(2x N-type),multi freq 5.xGHz,default 5.4GHz ETSI	RAD DATA COMMUNICATI
DS6490270000	AIRMUX-5000-BS-ANT/14/2327/FP	Airmux-5000 Base Flat ant, dual pol, gain 14dBi, 2.3-2.7 GHz bands	RAD DATA COMMUNICATI
DS6490280000	AIRMUX-5000/BS/F25F/100M/EXT	Airmux 5000HBS Base Conn(2x N-type)multi freq 2.5BRSGHZ,default 2.5GHz	RAD DATA COMMUNICATI
DS6490360000	AIRMUX-5000/BS/F58F/MOB/EXT	Airmux-5000HBS Mobility Conn,multi freq 5.xGHz,default 5.8GHz FCC/IC	RAD DATA COMMUNICATI
DS6490380000	AIRMUX-5000/SU/F58F/MOB/EXT	Airmux-5000HSU Mobility Conn,multi freq 5.xGHz,default 5.8GHz FCC/IC	RAD DATA COMMUNICATI
DS6490420000	AIRMUX-5000/SU-ANT/10/4958/M	AIRMUX-5000 SU Mobile, Omni-directional ant, gain 10dBi, 4.9-5.875GHz	RAD DATA COMMUNICATI
DS6490430000	AIRMUX-5000/SU-ANT/12/4959/M	AIRMUX-5000 SU Mobile ant for Vehicular Omni-direct ant, 4.9-5.9GHz	RAD DATA COMMUNICATI
DS6490780000	AIRMUX-5000/SU/F58F/25M/SFFIN	Airmux-5000 Subscriber Unit, int ant, fact def 5.8 GHz FCC/IC	RAD DATA COMMUNICATI
DS6490790000	AIRMUX-5000/SU/F58F/25M/SFFE	Airmux-5000 Sub Unit,ext ant,fact def 5.8 GHz FCC/IC	RAD DATA COMMUNICATI
DS6490860000	AIRMUX-5000-SU-ANT/15/5759/M	AIRMUX-5000 SU Mobile Ant for Omni-directl ant, 5.725-5.875GHz	RAD DATA COMMUNICATI
DS6490990000	AIRMUX-5000/SU/F58F/10M/SFFIN	Airmux-5000 10Mbps Sub unit, fact def 5.8 GHz FCC/IC Integrated ant	RAD DATA COMMUNICATI
DS6491000000	AIRMUX-5000/SU/F58F/10M/SFFE	Airmux-5000 Sub unit 10Mbps fact def 5.8 GHz FCC/IC, External antenna	RAD DATA COMMUNICATI
DS6491190000	AIRMUX-5000/BS/F24F/200M/EXT	Airmux 5000 200M Base Conn for ext ant,default 2.4GHz FCC/IC	RAD DATA COMMUNICATI
DS6491210000	AIRMUX-5000/SU/F24F/50M/INT	Airmux-5000 50M SU Integrated ant, default 2.4GHz FCC	RAD DATA COMMUNICATI
DS6491220000	AIRMUX-5000/SU/F24F/50M/EXT	Airmux-5000 50M SU Conn ant, default 2.4GHz FCC	RAD DATA COMMUNICATI
DS6491310000	CAPACITY5000AIRMUX5000SU500	Airmux-5000 SU License Capacity Key from 50Mbps to 100Mbps	RAD DATA COMMUNICATI
DS6491910000	AIRMUX5000SUF58F50M/SFF/INT	AIRMUX-5000 SU,HG INT ANT,MULTI FREQ AT 5.X GHZ,DEFT 5.8 GHZ FCC/IC	RAD DATA COMMUNICATI
DS6492070000	AIRMUX-5000/SU/F58F/50M/SFFE	AIRMUX-5000 HSU ODU,EXT ANT,MULTI FREQ AT 5.X GHZ,DEFT 5.8 GHZ FCC/IC	RAD DATA COMMUNICATI
DS6600D4	6600D4	GAS MANIFOLD 4 OUTLET	COMMSCOPE TECHNOLOGI
DS66010063001	66010063001	CRIMP TOOL FOR N-TYPE CONNECTOR	CAMBUIUM NETWORKS LIM
DS6640010000	MP-4104-MN	MEGAPLEX-4104 MULTISERVICE ACCESS NODE, 2U EMPTY CHASSIS	RAD DATA COMMUNICATI
DS6640020000	MP-4104M-PS/48	Megaplex Power supply module for MP-4104, -48 VDC	RAD DATA COMMUNICATI
DS6640240000	MP-4104-2/48R/622GBESFPR/155S	Megaplex-4104 Red -48 VDC & CL.2, OC-12 & SFP GE, OC3 port activated	RAD DATA COMMUNICATI
DS6640250000	MP-4104-2/48R/622GBEUTPR	Megaplex-4104 RED -48 VDC & CL.2 module, STM-4/OC-12 and UTP GbE ports	RAD DATA COMMUNICATI
DS6640260000	MP-4104-2/48R/622GBESFPR	Megaplex-4104 RED -48 VDC & CL.2 module, STM-4/OC-12 and SFP GE ports	RAD DATA COMMUNICATI
DS6640270000	MP-4104-2/48R/622GBEUTPR/155S	Megaplex-4104 RED-48 VDC & CL.2, OC-12 & UTP GE, STM-1/OC3 activated	RAD DATA COMMUNICATI
DS6640280000	MP-4104-2/48R/DS0R	MEGAPLEX-4104 RED -48 VDC, RED DS0 CROSS CONNECT	RAD DATA COMMUNICATI
DS6640290000	MP-4104-2/48R/GBEASFPR	Megaplex-4104 RED -48 VDC & CL.2 module, SFP GbE port	RAD DATA COMMUNICATI
DS6640300000	MP-4104-2/48R/GBEAUTPR	Megaplex-4104 RED -48 VDC& CL.2 module, UTP GbE port	RAD DATA COMMUNICATI
DS6640310000	MP-4104-2/ACR/DS0R	MEGAPLEX-4104 RED 90 TO 260 VAC & 95 TO 300 VDC RED DS0 CROSS CONNE	RAD DATA COMMUNICATI
DS6640320000	MP-4104-2/ACR/GBEASFPR	Megaplex-4104 RED 90 to 260 VAC & 95 to 300 VDC RED CL.2, SFP GbE port	RAD DATA COMMUNICATI
DS6640330000	MP-4104-2/ACR/GBEAUTPR	MEGAPLEX-4104 RED 90-260 VAC AND 95-300 VDC,RED CL.2, UTP GE PORT	RAD DATA COMMUNICATI
DS6640340000	MP-4104-2/ACR/622GBEUTP/155SI	MEGAPLEX-4104 RED 90-260VAC & 95-300VDC,OC-12&UTP GE, OC3 ACTIVATEI	RAD DATA COMMUNICATI
DS6640350000	MP-4104-2/48R/622GBEASFPR	Megaplex-4104 RED -48VDC & CL.2, w/OC-12 & SFP GE ports	RAD DATA COMMUNICATI
DS6640360000	MP-4104-2/48R/622GBEASFPR155S	Megaplex-4104 RED -48VDC & CL.2, W/OC-12 & SFP GE ports, OC3 activated	RAD DATA COMMUNICATI
DS6640370000	MP-4104-2/48R/622GBEAUTPR	Megaplex-4104 RED -48VDC & CL.2, w/OC-12 & UTP GE ports	RAD DATA COMMUNICATI
DS6640380000	MP-4104-2/48R/622GBEAUTPR155S	Megaplex-4104 RED -48VDC & CL.2, w/OC-12 & UTP GE ports,OC3 activated	RAD DATA COMMUNICATI
DS6640460000	MP-4104-2/48/DS0/PACK5/H1	Megaplex-4104 IEEE 1613 Class-A/Level-1 Contact RAD for description	RAD DATA COMMUNICATI
DS6640470000	MP-4104-2/48R/DS0/PACK5/H1	Megaplex-4104 IEEE 1613 Class-A/Level-1 Contact RAD for description	RAD DATA COMMUNICATI
DS6640480000	MP-4104-2/48R/DS0R/PACK5/H1	Megaplex-4104 IEEE 1613 Class-A/Level-1 Contact RAD for description	RAD DATA COMMUNICATI
DS6640490000	MP-4104-2/ACR/622GBEAUTPR	MEGAPLEX-4104 RED 90-260VAC & 95-300VDC & CL.2, W/OC-12 & UTP GE POF	RAD DATA COMMUNICATI
DS6640500000	MP-4104-2/48/DS0	Megaplex-4104 -48 VDC, DS0 cross connect only	RAD DATA COMMUNICATI
DS6640510000	MP-4104-2/AC/DS0	Megaplex-4104 90 to 260 VAC and 100 to 300 VDC, DS0 cross connect only	RAD DATA COMMUNICATI

DS6640520000	MP-4104-2/48R/622GBEAUTP/155	Megaplex-4104 RED -48 VDC, STM-4/OC-12 & UTP GE, STM-1/OC3 activated	RAD DATA COMMUNICATI
DS6640700000	MP-4104-2/ACR/622GBEASFP/155	MP-4104 NEXT GEN MULTISERV ACCESS NODE,REDUNDANT AC, STM4/OC12	RAD DATA COMMUNICATI
DS6660010000	ETX-203AX/2SFP/2UTP2SFP	ETX-203AX 2 SFP ETH PORTS,2 UTP ETH PORTS,2SFP ETH PORTS	RAD DATA COMMUNICATI
DS6660020000	ETX-203AX/2SFP/4UTP	ETX-203AX CARRIER ETH DEMARC , 2 SFP ETH, 4 FE UTP	RAD DATA COMMUNICATI
DS6660590000	ETX-203AX/GE/2SFP/4SFP	ETX203AX CARRIER ETH DEMARCATION, 2 SFP ETH PORTS,4 SFP SLOTS	RAD DATA COMMUNICATI
DS6660670000	ETX-203AX/2UTP/4UTP	ETX-203AX CARRIER ETH DEMARC, FIXED & MODULAR UPLINK,2 UTPETH,4 UTP	RAD DATA COMMUNICATI
DS6670150000	CAP/P5001/AIRMUX-400L/50M-20	AIRMUX-400L LICENSE CAPACITY KEY FROM 50MBPS TO 200	RAD DATA COMMUNICATI
DS6680170000	AIRMUX-400LC/ODU/F58F/25M/IN	AIRMUX-400LC 25M ODU, INT ANT,MULTI FREQ 5.XGHZ, DEFAULT 5.8GHZFCF/	RAD DATA COMMUNICATI
DS6680350000	CAPACITYP1050/400LC10M50M	AIRMUX-400LC LICENSE CAPACITY KEY FROM 10MBPS TO 50MBPS	RAD DATA COMMUNICATI
DS6680360000	CAPACITY/P2550/400LC/25M-50M	AIRMUX-400LC LICENSE CAPACITY KEY FROM 25MBPS TO 50MBPS	RAD DATA COMMUNICATI
DS6700070000	MP-4104M-CL.2/622GBESFP/155	MEGAPLEX MP-4104 CL.2, STM-4/OC-12 & SFP GE, STM-1/OC3 PORT ACTIVATE	RAD DATA COMMUNICATI
DS6700130000	MP-4104M-CL.2/DS0	MEGAPLEX MP-4104 COMMON LOGIC 2, DS0 CROSS CONNECT ONLY	RAD DATA COMMUNICATI
DS6700140000	MP-4104M-CL.2/622GBEASFP	Megaplex MP-4104 CL.2, STM-4/OC-12 & SFP GE ports	RAD DATA COMMUNICATI
DS6700150000	MP-4104M-CL.2/622GBEASFP/155	Megaplex MP-4104 CL.2, STM-4/OC-12 & SFP GE, STM-1/OC3 port activated	RAD DATA COMMUNICATI
DS6700160000	MP-4104M-CL.2/622GBEAUTP	Megaplex MP-4104 CL.2, STM-4/OC-12 & UTP GE ports	RAD DATA COMMUNICATI
DS6700170000	MP-4104M-CL.2/622GBEAUTP/155	Megaplex MP-4104 CL.2, STM-4/OC-12 & UTP GE ports, STM-1/OC3 activated	RAD DATA COMMUNICATI
DS6700180000	MP-4104M-CL.2/GBEASFP	MEGAPLEX MP-4104 CL.2, SFP GE PORT	RAD DATA COMMUNICATI
DS6700190000	MP-4104M-CL.2/GBEAUTP	MEGAPLEX MP-4104 CL.2, UTP GE PORT	RAD DATA COMMUNICATI
DS67009255001	67009255001	FLANGE HARDWARE KIT, PDR70 VALULINE	CAMBIUM NETWORKS LIM
DS67009255002	67009255002	FLANGE HARDWARE KIT (PDR 100)	CAMBIUM NETWORKS LIM
DS67076	67076	INTERNAL BATTERY OR SPARE BATTERY	AEROFLEX WICHITA INC
DS67135	67135	BACKPACK (FOR ANRITSU HANDHELD PRODUCTS)	ANRITSU COMPANY
DS67474	67474	TRIPOD	AEROFLEX WICHITA INC
DS6750030000	ETX-1300/ACR/32N	ETX-1300 GIGABIT ETHERNET AGGREGATION SWITCH,RED AC,32 EMPTY SFP SL	RAD DATA COMMUNICATI
DS6750040000	ETX-1300/ACR/32UTP	ETX-1300 GBE AGGR. SWITCH, RED. AC PS, 32 10/100BASET UTP PORTS	RAD DATA COMMUNICATI
DS6760710000	FCD-IP/T1/U/FXS	FCD-IP T1 ACCESS UNIT INTEGRATED ROUTER,T1 PORT,UTP ETH PORT, 4 FXS	RAD DATA COMMUNICATI
DS6760720000	FCD-IP/T1/U/FXO	FCD-IP T1 ACCESS UNIT INTEGRATED ROUTER,T1 PORT,UTP ETH PORT, 4 FXO	RAD DATA COMMUNICATI
DS6760730000	FCD-IP/T1/U/E&M	FCD-IP with T1, Ethernet and E&M	RAD DATA COMMUNICATI
DS6762060000	FCD-IP/T1/U/S	FCD-IP T1 ACCESS ROUTER W/ INTEGRAL ROUTER	RAD DATA COMMUNICATI
DS6762970000	FCD-IP/T1/V24C/U/E&M	T1 INTEGRATED ACCESS DEVICE	RAD DATA COMMUNICATI
DS6764330000	FCD-IP/DC/T1/U/E&M	FCD-IP T1/FT1 NTU, DC 10/100 BT ETH UTP CONN. S.T1	RAD DATA COMMUNICATI
DS6765330000	FCD-IP/T1/SC13L/U/S	FCD-IP E1/T1 OR FRACT E1/T1 ACCESS UNIT, UTP PORT,SUB-E1/T1 PORT	RAD DATA COMMUNICATI
DS6765570000	FCD-IP/T1/ST85/2U/S	FCD-IP E1/T1 OR FRACT. E1/T1 ACCESS UNIT, 2UTP PORTS, SUB-E1/T1 PORT	RAD DATA COMMUNICATI
DS6766370000	FCD-IP/T1/4U/S	FCD-IP WITH T1 DROP & INSERT AND 4 ETHERNET PORTS	RAD DATA COMMUNICATI
DS6766500000	FCD-IP/T1/ST13L/U/E&M	FCD-IP E1/T1 ,T1 port,1310 nm SM laser,ST,UTP eth port, E&M VC	RAD DATA COMMUNICATI
DS6790000000	MINID-SW/DEMARC	MINID APPLICATION SOFTWARE, WITH SERVICE DEMARCATION SW	RAD DATA COMMUNICATI
DS6790080000	MINID/STU/GE/ACEX/CMB	MINID SMART MINI NID STANDALONE, 1 GBPS/PORT, AC PS 2 COMBO ETH POI	RAD DATA COMMUNICATI
DS67G	6-7G	WIRE, 6 AWG 7 STRAND CU THW GREEN INSULATED STRANDED COPPER GROU	HARGER INC
DS6800280000	SF2/S/48VDC/2GE8UTP/POE2AM	SF2 RUGG SCADA & ROUTING,-48DC,2 GE SFP,8 FE UTP, 2 PORTS W/AIRMUX P	RAD DATA COMMUNICATI
DS6801120000	SF2/S/24VDC/2GE8UTP/POE2AM	SF2 Rugg SCADA & routing,-24DC,2 GE SFP,8 FE UTP, 2 ports w/Airmux POE	RAD DATA COMMUNICATI
DS6801540000	SF2/S/48V/2GE8UTP/POE4AM/RS2	SF2 RUGG SCADA-AWARE ETH SWITCH, ROUTING W/ SEC VPN,SERIAL GW, 48 \	RAD DATA COMMUNICATI
DS7005A970	7005A970	PC INTERFACE SOFTWARE	BIRD ELECTRONIC CORP
DS70071530920	70071530920	3M PELTOR SWAT-TAC III ADVANCED COMBAT HELMET (ACH) 88063-00000 1 E 3M	OCCUPATIONAL HEAL
DS70071543451	70071543451	3M PELTOR SWAT-TAC III ADVANCED COMBAT HELMET (ACH) 88063-B 1 EA/C/3M	OCCUPATIONAL HEAL
DS70071573938	70071573938	3M PELTOR SWAT-TAC III ACCESSORY RAIL CONNECTOR (ARC) 88063-ARC 1 EA,3M	OCCUPATIONAL HEAL
DS70071675741	70071675741	3M PELTOR SWAT-TAC III KIT 1 EA/CS HEADBAND - MOTOROLA APX SERIES PTI 3M	OCCUPATIONAL HEAL
DS70071675758	70071675758	3M PELTOR SWAT-TAC III KIT 1 EA/CS BACKBAND - MOTOROLA APX SERIES PTT 3M	OCCUPATIONAL HEAL
DS70071675766	70071675766	3M PELTOR SWAT-TAC III KIT 1 EA/CS HELMET RAIL ATTACHED- MOTOROLA AP 3M	OCCUPATIONAL HEAL
DS7090004	709-0004	25-PAIR CABLES, RJ-21, M-F, 10FT [BASELINE PRODUCT]	ZETRON INC
DS7400057001	7400057-001	BATT HEATER PAD KIT, 120V, MICROSECURE, BHM-MS24-120	ALPHA TECHNOLOGIES L
DS74075121	740-751-21	KIT, POLE MNT, NOVUS MICRO SECURE	ALPHA TECHNOLOGIES L
DS74579220	745-792-20	OPTIONAL HANDLE, HONDA	ALPHA TECHNOLOGIES L
DS74579320	745-793-20	OPTIONAL WHEEL KIT , HONDA	ALPHA TECHNOLOGIES L
DS74702820072	747-028-20-072	TEMPERATURE SENSOR ASSEMBLY, 1/4 INCH LUG, 12 FEET	ALPHA TECHNOLOGIES L
DS7473121032	7473121032	FUSE PANEL, OSP GMT FRONT ACCESS WALL MOUNTED, 10 POSITIONS	WELDY LAMONT GROUP I
DS74762220000	747-622-20-000	BLANK, POWER MODULE, 1.2KW, BLACK PLASTIC	ALPHA TECHNOLOGIES L
DS7500192010	7500192010	FUSE TPA 10 AMP	ELTEK INC
DS7500192725	7500192725	TRIMM TPM 25 AMP BUSSMAN FUSE	ELTEK INC
DS751888400	7518884-00	POWER SUPPLY UNIT AC IN 100-240V 400W	COMMSCOPE TECHNOLOGI
DS7574288	7574288	800/900/PCS/2600 LTE NODE A COMBINER	COMMSCOPE TECHNOLOGI
DS757753201	7577532-01	NODE A 700 LTE 0.5W AMPLIFIER MODULE	COMMSCOPE TECHNOLOGI
DS757753401	7577534-01	DCM AF 7037	COMMSCOPE TECHNOLOGI
DS757753801	7577538-01	NODE A 800 MHZ PUBLIC SAFETY MODULE	COMMSCOPE TECHNOLOGI
DS757754201	7577542-01	NODE A CELL 850 MODULE	COMMSCOPE TECHNOLOGI
DS757755001	7577550-01	NODE A 1700 MHZ AWS MODULE	COMMSCOPE TECHNOLOGI
DS757755201	7577552-01	NODE A PCS 0.5W AMPLIFIER MODULE	COMMSCOPE TECHNOLOGI
DS7597820	7597820	NODE A OUTDOOR WALL MOUNT KIT	COMMSCOPE TECHNOLOGI
DS7597821	7597821	NODE A WALL MOUNT KIT	COMMSCOPE TECHNOLOGI
DS759884700	7598847-00	ADAPTOR SHEET PLATE	COMMSCOPE TECHNOLOGI
DS760243R	760-243-R	TRANSIT CASE WITH WHEELS (SITEMASTER 1560)	ANRITSU COMPANY
DS760254101	7602541-01	NODE A UHF 5W DCM AF 4037	COMMSCOPE TECHNOLOGI

DS7605119	7605119	COVER PLATE KIT COMBINER SLOT	COMMSCOPE TECHNOLOGI
DS760576900	7605769-00	POWER SUPPLY UNIT AC IN 100-240V 680W	COMMSCOPE TECHNOLOGI
DS7606983	7606983	NODE A COMBINER 4 BAND COMBINER - 700/800/AWS/PCS	COMMSCOPE TECHNOLOGI
DS761041302	7610413-02	ION-B COMBINER 7/85 & 19	COMMSCOPE TECHNOLOGI
DS761121700	7611217-00	DPX SUBRACK	COMMSCOPE TECHNOLOGI
DS761921800	7619218-00	COMBINER 758-824, 849-869, -1.5DB	COMMSCOPE TECHNOLOGI
DS762119500	7621195-00	PA DRAWER 728-776MHZ 45W	COMMSCOPE TECHNOLOGI
DS763744401	7637444-01	POWER SUPPLY UNIT AC IN 100-240V 850W	COMMSCOPE TECHNOLOGI
DS76407930172	7640793-0172	NODE A 4 POSITION SUBRACK 100-240VAC	COMMSCOPE TECHNOLOGI
DS76407930173	7640793-0173	NODE A+ 4 POSITION SUBRACK -48VDC	COMMSCOPE TECHNOLOGI
DS7641520000	MP-2100M-HS-2	Megaplex 2 port Megaplex High Speed Data Module (HS-2)	RAD DATA COMMUNICATI
DS7642670000	MP-2100M-CL-2/UTP	MEGAPLEX MP-2100 COMMON LOGIC BOARD	RAD DATA COMMUNICATI
DS7643850000	MP-2100/48/2UTP	MP-2100 chassis w/1 - 48VDC Power Supply and 1 Common Logic module	RAD DATA COMMUNICATI
DS7643930000	MP-2100M-ML-2T1	MEGAPLEX DUAL T1 MAIN LINK	RAD DATA COMMUNICATI
DS7644010000	MP-2100/48/R/2UTP	MP-2100 chassis RED- 48VDC & Common Logic modules	RAD DATA COMMUNICATI
DS7644130000	MP-2100M-ACM	MEGAPLEX ALARM & DIAGNOSTIC MODULE	RAD DATA COMMUNICATI
DS7645530000	MP-2100M-BP-IO/1	MEGAPLEX SINGLE SLOT IO BLANK PANEL	RAD DATA COMMUNICATI
DS7645540000	MP-2100M-BP-IO/2	MEGAPLEX 2 I/O SLOT BLANK PANEL FOR MP-2100	RAD DATA COMMUNICATI
DS7645690000	MP-2100M-LS12	MEGAPLEX 12 PORT RS-232 LOW SPEED DATA MOD REQUIRES CBL-LS12 CABLE	RAD DATA COMMUNICATI
DS7645860000	MP-2100M-BP-PS	Megaplex Blank Panel for Power Supply	RAD DATA COMMUNICATI
DS7645870000	MP-2100M-BP-CL	Megaplex Blank Panel for Common Logic	RAD DATA COMMUNICATI
DS7646120000	MP-2100/24/2UTP	Megaplex 2100, 24 vdc, cl.2/utp	RAD DATA COMMUNICATI
DS7646130000	MP-2100/24/R/2UTP	Megaplex 2100 redundant 24 vdc power and common logic	RAD DATA COMMUNICATI
DS7646140000	MP-2100/115/2UTP	MEGAPLEX 2100 W/ NEW COMMON LOGIC, NO ML	RAD DATA COMMUNICATI
DS7646220000	MP-2100/115/R/2UTP	MEGAPLEX 2100 4U MODULAR MP, 115 VAC, RDNT 10BT MNG, P	RAD DATA COMMUNICATI
DS7646230000	MP-2100M-ML-1T1	MEGAPLEX SINGLE T1 MAIN LINK MODULE WITH 1 RJ-45/T1 WAN PORT	RAD DATA COMMUNICATI
DS7646750000	MP-2100M-VC16/E+M	MEGAPLEX 16 PORT E&M CARD	RAD DATA COMMUNICATI
DS7646760000	MP-2100M-VC16/FXO	Megaplex 16 port FXO module	RAD DATA COMMUNICATI
DS7646770000	MP-2100M-VC16/FXS	Megaplex 16 port FXS module	RAD DATA COMMUNICATI
DS7647290000	MP-2100M-VC-8/FXS	MEGAPLEX 8 PORT FXS VOICE MODULE REQUIRES CBL-VC8/FXSO	RAD DATA COMMUNICATI
DS7647540000	MP-2100M-MLF-1T1/ST/85	Megaplex T1 FIBER MAIN LINK FOR MP-2100, ST CONN 850NM LASER	RAD DATA COMMUNICATI
DS7647550000	MP-2100M-MLF-2T1/ST85	MP-2100/2104 2-PORT T1 FIBER ML MODULE, ST CONN, 850 NM MM	RAD DATA COMMUNICATI
DS7647670000	MP-2100M-VC-8/E+M	MEGAPLEX 8 PORT E&M CARD	RAD DATA COMMUNICATI
DS7647680000	MP-2100M-VC-8/FXO	MEGAPLEX 8 CHANNEL FXO CARD	RAD DATA COMMUNICATI
DS7648670000	MP-2100M-HS-ETH/F/UTP/4	Megaplex 4U module, 10/100BT 4 UTP.	RAD DATA COMMUNICATI
DS7649220000	MP-2100M-ML-IP/UTP/1E	MEGAPLEX TDMOIP MAIN LINK WITH ECHO CANCEL OPTION	RAD DATA COMMUNICATI
DS7649610000	MP-2100M-MLF-2T1/ST13L	Megaplex 3 PORT T1 FIBER MAIN LINK FOR MP-2100, ST CONN 1310NM LASER	RAD DATA COMMUNICATI
DS7649670000	MP-2100M-HS-ETH/SW/UTP/4	MEGAPLEX 4U MODULE, ETHERNET SWITCH, 10/100BT 4 UTP.	RAD DATA COMMUNICATI
DS7649690000	MP-2100M-ML-IP/ST/13L	MEGAPLEX FIBER ML-IP MAIN LINK,ST CONNECTOR,1310 NM LASER	RAD DATA COMMUNICATI
DS7649860000	RINGER-2200N/110	MEGAPLEX EXTERNAL -48 VDC RINGER MODULE. SUPPORTS UP TO 32 FXS POR	RAD DATA COMMUNICATI
DS7650640000	MP-2104/48/2UTP	MEGAPLEX 2104 5 SLOT CHASSIS - 48VDC 1 COMMON LOGICMODULE.	RAD DATA COMMUNICATI
DS7650660000	MP-2104/230/2UTP	MP-2100 ACCESS MUX, 2U CHASSIS W/5 SLOTS,CL.2,230VAC,10BASET MGMT P	RAD DATA COMMUNICATI
DS7650680000	MP-2104/24/2UTP	Megaplex MP-2104 5 slot chassis w/24 VDC Power Supply	RAD DATA COMMUNICATI
DS7650730000	MP-2104/48/R/2UTP	MEGAPLEX 2104 5 SLOT CHASSIS - 48VDC, 1 COMMON LOGIC MODULE, & RINC	RAD DATA COMMUNICATI
DS7651140000	MP-2104/115/2UTP	MEGAPLEX 2104 E1/T1 MULTIPLEXER W/O MAIN LINK+ETH	RAD DATA COMMUNICATI
DS7651150000	MP-2104/115/2UTP/RI	Megaplex 2104 MULTIPLEXER W/ NEW ETH UTP CL & BUILT IN RINGER	RAD DATA COMMUNICATI
DS7651360000	MP-2100M-VC-4/E&M/OMNI	MEGAPLEX4 U MOD. VOICE MOD. 4 E&M AND OMNIBUS	RAD DATA COMMUNICATI
DS7651570000	MP-2100M-MLF-1T1/SC/13L	MEGAPLEX T1 FIBER MAIN LINK FOR MP-2100, SC CONN 1310NM LASER	RAD DATA COMMUNICATI
DS7651640000	MP-2100M-MLF-1T1/SC/85	Megaplex T1 FIBER MAIN LINK FOR MP-2100, SC CONN 850NM LASER	RAD DATA COMMUNICATI
DS7651710000	MP-2100M-MLF-2T1/SC13L	MP-2100 2-PORT T1 FIBER OPTIC MAIN LINK MODULE, SC CONN, 1310 NM LAS	RAD DATA COMMUNICATI
DS7651720000	MP-2100M-PS/115	MEGAPLEX 200 WATT POWER SUPPLY MODULE FOR MP-2100	RAD DATA COMMUNICATI
DS7651750000	MP-2100M-PS/48	MEGAPLEX POWER SUPPLY MODULE FOR MP-2100/2104, -48 VDC	RAD DATA COMMUNICATI
DS7651850000	MP-2100M-VC-16/E&M/POS	MEGAPLEX 4U VOICE MODULE 16CH E&M, TYPE 2, POSITIVE VOLTAGE	RAD DATA COMMUNICATI
DS7651860000	MP-2100M-VC-4/E&M	MEGAPLEX 4 CHANNEL PCM VOICE MODULE; E&M	RAD DATA COMMUNICATI
DS7651890000	MP-2100M-VC-8/E&M/POS	Megaplex 4U VOICE MODULE 8CH E&M, TYPE 2, POSITIVE VOLTAGE	RAD DATA COMMUNICATI
DS7651920000	MP-2100M-ML-8T1	Megaplex 8 PORT T1 Module for Megaplex chassis.	RAD DATA COMMUNICATI
DS7653140000	MP-2100M-HS-RN/V110	MEGAPLEX 4 PORT RS-232 MEGAPLEX LOW SPEED DATA MODULE (HS-R)	RAD DATA COMMUNICATI
DS765868200	7658682-00	CROSSBAND COUPLER 763-775 851-869	COMMSCOPE TECHNOLOGI
DS765868300	7658683-00	DUPLXER UL-ACTIVE 788-805 806-824	COMMSCOPE TECHNOLOGI
DS7658761	7658761	UPGRADE RF-CABLE KIT 700MHZ	COMMSCOPE TECHNOLOGI
DS7660400000	MP-4104M-PS/AC	MP-4104 POWER SUPPLY, 90 TO 260 VAC AND 100 TO 300 VDC	RAD DATA COMMUNICATI
DS7660410000	MP-4104M-PS/48/FLG	Megaplex Power supply module for MP-4104, -48 VDC, floating ground	RAD DATA COMMUNICATI
DS7721830000	DXC-M/4T1	DXC FRAMED 4 PORT T1 MODULE FOR DXC-8R, DXC-10A,& DXC-30.	RAD DATA COMMUNICATI
DS7722100000	DXC-30-3/UTP/R/48	DXC-30 30 CHANNEL DACS W/ CL.3 COMMON LOGIC	RAD DATA COMMUNICATI
DS7723060000	DXC-M-T1B/ST/13L	DXC 3U 2-port T1 module, ST connector, 1310 nm single mode laser	RAD DATA COMMUNICATI
DS7723310000	DXC-M-4T1L	DXC 3U 4-PORT T1 MODULE, BERT, LTU, LOOPBACK PER TS, FRAMED	RAD DATA COMMUNICATI
DS7730070000	DXC-8R-3/UTP/AC	DXC-8 8 CHANNEL DACS UTP. AC POWER	RAD DATA COMMUNICATI
DS7730090000	DXC-8R-3/UTP/48	DXC-8 8 CHANNEL DACS UTP. DC Power	RAD DATA COMMUNICATI
DS78EXNM	78EXNM	RF CONNECTOR,N,MALE,STRAIGHT FOR AVA5-50 CABLE	CAMBUM NETWORKS LIM
DS78EZNM	78EZNM-M	78EZNM-M N MALE MOT CONNECTOR (MOTOROLA SPECIFIC)	COMMSCOPE TECHNOLOGI
DS78HPT	78-HPT	78-HPT 7/8IN HAND PREP TOOL EZFIT	COMMSCOPE TECHNOLOGI

DS80200931	802-0093-1	PUNCHDOWN BLOCK, 50 PIN, CONNECTORI	ZETRON INC
DS8034260000	RM-35	RM-35 RACK MOUNT	RAD DATA COMMUNICATI
DS80DSFAEODDL	80DSFAE	GENERATOR, 80KW DIESEL, 120/240V 1PH, OUTDOOR HOUSING	CUMMINS NPOWER LLC
DS80DSFAESADL	80DSFAE W/LVL II SOUND ATTN	80KW DIESEL GENERATOR, 1PH, SOUND ATTN HOUSING	CUMMINS NPOWER LLC
DS82553	82553	TRIPOD, DOLLY, STAND	AEROFLEX WICHITA INC
DS8271001001	8271001001	FUSE PANEL, 4TPA/5GMT FUSE PANEL	ELTEK INC
DS8411100234AA	8411100234AA	CIRCUIT BREAKER PANEL 16 POSITION 3RU	ELTEK INC
DS85009294001	85009294001	ANTENNA SYSTEM, PAR6 - 6FT SP ANTENNA, 5.925 - 7.125 GHZ WITH RADOME	CAMBIUM NETWORKS LIM
DS85009294002	85009294002	PAR8 - 8FT SP ANTENNA, 5.925 - 6.425 GHZ WITH RADOME, SINGLE POL	CAMBIUM NETWORKS LIM
DS85009294005	85009294005	PAR6 - 6FT SP ANTENNA, 10.7 - 11.7 GHZ WITH RADOME, SINGLE POL	CAMBIUM NETWORKS LIM
DS85009294006	85009294006	PAR8 - 8FT SP ANTENNA, 10.7 - 11.7 GHZ WITH RADOME, SINGLE POL	CAMBIUM NETWORKS LIM
DS85009298001	85009298001	3FT HP ANTENNA, 5.925-7.125 GHZ, SINGLE POL	CAMBIUM NETWORKS LIM
DS85009298002	85009298002	3FT HP ANTENNA, 7.10 - 8.5 GHZ, SINGLE POL	CAMBIUM NETWORKS LIM
DS85009298003	85009298003	3FT HP ANTE 10.70-11.70GHZ SING POL	CAMBIUM NETWORKS LIM
DS85009298004	85009298004	3FT HP ANTENNA, 12.70 - 13.25 GHZ, SINGLE POL	CAMBIUM NETWORKS LIM
DS85009298006	85009298006	3FT HP ANTENNA, 17.70 - 19.70 GHZ, SINGLE POL	CAMBIUM NETWORKS LIM
DS85009301001	85009301001	HP4 - 4FT SP ANTENNA, 10.7- 11.7 GHZ WITH RADOME, SINGLE	CAMBIUM NETWORKS LIM
DS85009303004	85009303004	6FT HP ANTENNA, 7.125 - 8.5 GHZ, DUAL POL	CAMBIUM NETWORKS LIM
DS85009304001	85009304001	2FT HP ANTENNA, 10.125-11.70 GHZ, DUAL POL	CAMBIUM NETWORKS LIM
DS85009304002	85009304002	3FT HP ANTENNA, 10.125-11.70 GHZ, DUAL POL	CAMBIUM NETWORKS LIM
DS85009304003	85009304003	4FT HP ANTENNA, 10.12-11.70 GHZ, DUAL POL	CAMBIUM NETWORKS LIM
DS85009304004	85009304004	6FT HP ANTENNA, 10.125 - 11.70 GHZ, DUAL POL	CAMBIUM NETWORKS LIM
DS85009316004	85009316004	ODU ORTHOGONAL MOUNTING KIT 11 GHZ	CAMBIUM NETWORKS LIM
DS85009317001	85009317001	ODU-B 11GHZ, TR 490 & 500, LO, B5 (10700.0 - 10890.0 MHZ)	CAMBIUM NETWORKS LIM
DS85009317002	85009317002	ODU-B 11GHZ, TR 490 & 500, HI, B5 (11200.0 - 11390.0 MHZ)	CAMBIUM NETWORKS LIM
DS85009317003	85009317003	ODU-B 11GHZ, TR 490 & 500, LO, B6	CAMBIUM NETWORKS LIM
DS85009317004	85009317004	ODU-B 11GHZ, TR 490 & 500, HI, B6	CAMBIUM NETWORKS LIM
DS85009317005	85009317005	ODU-B 11GHZ, TR 490 & 500, LO, B7	CAMBIUM NETWORKS LIM
DS85009317006	85009317006	ODU-B 11GHZ, TR 490 & 500, HI, B7	CAMBIUM NETWORKS LIM
DS85009318001	85009318001	ODU-B 18GHZ, TR1560, LO, B3	CAMBIUM NETWORKS LIM
DS85009318002	85009318002	ODU-B 18GHZ, TR1560, HI, B3	CAMBIUM NETWORKS LIM
DS85009319001	85009319001	ODU-B 23GHZ, TR1200, LO, B5 (21200.0 - 21600.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS85009319002	85009319002	ODU-B 23GHZ, TR1200, HI, B5 (22400.0 - 22800.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS85009319003	85009319003	ODU-B 23GHZ, TR1200, LO, B6 (21200.0 - 21600.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS85009319004	85009319004	ODU-B 23GHZ, TR1200, LO, B5 ((22800.0 - 23200.0 MHZ), RECTANGULAR WG,	CAMBIUM NETWORKS LIM
DS85009319005	85009319005	ODU-B 23GHZ, TR1200, LO, B5 (22000.0 - 22400.0 MHZ), RECTANGULAR WG,	CAMBIUM NETWORKS LIM
DS85009319006	85009319006	ODU-B 23GHZ, TR1200, LO, B5 ((23200.0 - 23600.0 MHZ), RECTANGULAR WG	CAMBIUM NETWORKS LIM
DS85009324001	85009324001	5 GHZ - 90 DEG SECTOR ANTENNA	CAMBIUM NETWORKS LIM
DS85009325001	85009325001	5 GHZ - 60? SECTOR ANTENNA (+FSK)	CAMBIUM NETWORKS LIM
DS85009328001	85009328001	HP4 - 4FT SP ANTENNA, 5.725 - 6.425	CAMBIUM NETWORKS LIM
DS85010089021	85010089021	6FT HP ANTENNA, 5.925-7.125 GHZ, SI	CAMBIUM NETWORKS LIM
DS85010089041	85010089041	2FT HP ANTENNA, 27.50-29.50 GHZ, SINGLE POL, MOT INTERFACE	CAMBIUM NETWORKS LIM
DS85010089042	85010089042	2FT HP ANTENNA, 17.70 - 19.70 GHZ, SINGLE POL, E	CAMBIUM NETWORKS LIM
DS85010089043	85010089043	2FT HP ANTENNA, 21.20 - 23.60 GHZ, SINGLE POL,	CAMBIUM NETWORKS LIM
DS85010089045	85010089045	2FT HP ANTENNA, 7.10-8.5 GHZ, SINGLE POL, MOT INTERFACE	CAMBIUM NETWORKS LIM
DS85010089046	85010089046	2FT HP ANTENNA, 12.70 - 13.25 GHZ, SINGLE POL, MOT INTERFACE	CAMBIUM NETWORKS LIM
DS85010089047	85010089047	2FT HP ANTENNA, 14.40 - 15.35 GHZ, SINGLE POL, MOT INTERFACE	CAMBIUM NETWORKS LIM
DS85010089049	85010089049	2FT HP ANTENNA, 10.125 - 11.70GHZ, SINGLE POL,	CAMBIUM NETWORKS LIM
DS85010089050	85010089050	4FT HP ANTENNA, 5.925-7.125 GHZ, SINGLE POL, MOT INTERFACE	CAMBIUM NETWORKS LIM
DS85010089051	85010089051	4FT HP ANTENNA, 7.125 - 8.5 GHZ, SINGLE POL, MOT INTERFACE	CAMBIUM NETWORKS LIM
DS85010089052	85010089052	4 FT HP ANTENNA, 10.125 11.70 GHZ, SINGLE POL, MOT INTERFACE	CAMBIUM NETWORKS LIM
DS85010089054	85010089054	4FT HP ANTENNA, 12.75 - 13.25 GHZ, SINGLE POL, MOT INTERFACE	CAMBIUM NETWORKS LIM
DS85010089057	85010089057	1 FT HP ANTENNA, 17.70 19.70 GHZ, SINGLE POL, MOT INTERFACE	CAMBIUM NETWORKS LIM
DS85010089059	85010089059	1 FT HP ANTENNA, 21.20 23.60 GHZ, SINGLE POL, MOT INTERFACE	CAMBIUM NETWORKS LIM
DS85010089064	85010089064	1FT HP ANTENNA, 27.50 29.50 GHZ, SINGLE POL, MOT INTERFACE	CAMBIUM NETWORKS LIM
DS85010091005	85010091005	6FT HP ANTENNA, 10.70-11.70 GHZ, SINGLE POL, PDR100	CAMBIUM NETWORKS LIM
DS85010091017	85010091017	3FT HP ANTENNA, 10.125 - 11.70 GHZ, SINGLE POL, PDR100	CAMBIUM NETWORKS LIM
DS85010091019	85010091019	2FT HP ANTENNA, 10.125 - 11.70 GHZ, SINGLE POL, PDR100	CAMBIUM NETWORKS LIM
DS85010091022	85010091022	3FT HP ANTENNA, 5.925- 7.125 GHZ, SINGLE POL, PDR70	CAMBIUM NETWORKS LIM
DS85010091024	85010091024	4FT HP ANTENNA, 5.925 - 7.125 GHZ, SINGLE POL, PDR70	CAMBIUM NETWORKS LIM
DS85010092006	85010092006	1FT HP ANTENNA, 17.70 - 19.70 GHZ, DUAL POL, PBR220	CAMBIUM NETWORKS LIM
DS85010092011	85010092011	1FT HP ANTENNA, 21.20 - 23.60 GHZ, DUAL POL, PBR220	CAMBIUM NETWORKS LIM
DS85010092042	85010092042	3 FT HP ANTENNA, 10.125 11.70 GHZ, DUAL POL	CAMBIUM NETWORKS LIM
DS85010092048	85010092048	3FT HP ANTENNA, 5.925-.125 GHZ, DUAL POL	CAMBIUM NETWORKS LIM
DS85010092053	85010092053	2FT HP ANTENNA, 17.70 - 19.70 GHZ, DUAL POL	CAMBIUM NETWORKS LIM
DS8700147001	8700147-001	BCK,MICRO350,48VDC,4X18AH	ALPHA TECHNOLOGIES L
DS87494620	874-946-20	BATTERY INTERFACE CABLE, HEAVY DUTY ALLIGATOR CLAMPS	ALPHA TECHNOLOGIES L
DS87532420	875-324-20	30FT OUTPUT INTERFACE CABLE, DCX3000	ALPHA TECHNOLOGIES L
DS87559622	875-596-22	WIRE KIT, BATTERY CABLE KIT, 4 BATTERIES, 50/30AH, NOVUS FXM1100, 6FT	ALPHA TECHNOLOGIES L
DS87755820000	877-558-20-000	AC LINE CORD W/O PLUG, 3C #12AWG, 3 METRES, RECTUANGULAR PIN REQUIII	ALPHA TECHNOLOGIES L
DS87773520000	877-735-20-000	AC LINE CORD W/O PLUG, 3C #12AWG, 3 METRES	ALPHA TECHNOLOGIES L

DS87779019	877-790-19	120/240VAC LINE CORD 3M, #12AWG, C19R TO FLYING LEADS	ALPHA TECHNOLOGIES L
DS8800NFAANT	88-00-NFPA-ANT	ANTENNA ALARM CONVERSION KIT FOR UHF SBII	TX RX SYSTEMS INC
DS8800OPT01	8800OPT01	8800OPT01 DMR	AEROFLEX WICHITA INC
DS8800OPT02	8800OPT02	8800OPT02 DPMR	AEROFLEX WICHITA INC
DS8800OPT03	8800OPT03	8800OPT03 NXDN	AEROFLEX WICHITA INC
DS8800OPT04	8800OPT04	8800OPT04 P25	AEROFLEX WICHITA INC
DS8800OPT05	8800OPT05	8800OPT05 P25 PHASE 2	AEROFLEX WICHITA INC
DS8800OPT06	8800OPT06	DMR REPEATER TEST (REQUIRES 8800OPT02)	AEROFLEX WICHITA INC
DS8800OPT09	8800OPT09	8800OPT09 ARIB T98	AEROFLEX WICHITA INC
DS8800OPT10	8800OPT10	8800OPT10 TRACKING GENERATOR	AEROFLEX WICHITA INC
DS8800OPT103	8800OPT103	8800OPT103 APX AUTO TEST ALIGNMENT	AEROFLEX WICHITA INC
DS8800OPT104	8800OPT104	8800OPT104 MOTOTRBO AUTO TEST ALIGNMENT	AEROFLEX WICHITA INC
DS8800OPT105	8800OPT105	8800OPT105 XTS/XTL AUTOTEST/ALIGNMENT REQUIRES 8800OPT04 P25	AEROFLEX WICHITA INC
DS8800OPT11	8800OPT11	8800OPT11 OCCUPIED BANDWIDTH	AEROFLEX WICHITA INC
DS8800OPT12	8800OPT12	8800OPT12 INTERNAL PRECISION POWER METER	AEROFLEX WICHITA INC
DS8800OPT128	8800OPT128	MOTOROLA APX 8000 AUTOTEST/ALIGNMENT (REQUIRES 8800OPT4)	AEROFLEX WICHITA INC
DS8800OPT129	8800OPT129	MOTOROLA APX "B" SERIES TEST/ALIGNMENT (REQUIRES DS8800OPT4)	AEROFLEX WICHITA INC
DS8800OPT13	8800OPT13	8800OPT13 PRECISION THRU-LINE METER	AEROFLEX WICHITA INC
DS8800OPT14	8800OPT14	8800OPT14 PTC	AEROFLEX WICHITA INC
DS8800OPT15	8800OPT15	8800OPT15 AAR CHANNEL PLAN	AEROFLEX WICHITA INC
DS8800OPT21	8800OPT21	CONTINUOUSLY VARIABLE NOTCH FREQUENCY FOR SINAD / DISTORTION MET	AEROFLEX WICHITA INC
DS8800OPT22	8800OPT22	SNR METER	AEROFLEX WICHITA INC
DS8800SXBASE	8800SX	8800SX ANALOG AND DIGITAL RADIO TEST SET	AEROFLEX WICHITA INC
DS8800SXMSI	8800SX-MSI PACKAGE BUNDLE	8800SX ANALOG AND DIGITAL RADIO TEST SET - MSI CONFIG	AEROFLEX WICHITA INC
DS89023	89023	GPSSG-1000 MAINTENANCE MANUAL	AEROFLEX WICHITA INC
DS8983AA2020MB	89-83AA-20-2.0-MB	B14 MAIN FILTER 758-768 MHZ AND 788-798 MHZ	TX RX SYSTEMS INC
DS8983AE1010MB	89-83AE-20-1.0-MB	B14 DIVERSITY FILTER 758-768 MHZ AND 2400-2500 MHZ	TX RX SYSTEMS INC
DS89908	89908	MOUNTING BRACKET FOR AC27003 150W ATTENUATOR	AEROFLEX WICHITA INC
DS90106	90106	KIT, ANTENNA COUPLER PLACEMENT POLE 8 FT. & D-RING	AEROFLEX WICHITA INC
DS901108001	901108-001	850-960MHZ MIDDLE MODULE TO COMBINE 5 CHANNEL HYBRID COMBINERS	DBSPECTRA
DS9019019	901-9019	MODEL 25 PROGRAMMABLE ENCODER W/NUMERIC PAD & 29 INSTANT CALLS	ZETRON INC
DS9019196	901-9196	AUTOMATIC SWITCHOVER STANDBY SYSTEM	ZETRON INC
DS9019197	901-9197	LINE TRANSFER PANEL FOR STANDBY SYS	ZETRON INC
DS9019264	901-9264	ALI DISPLAY ADAPTER, MNTS 4 UNITS WORTH OF MODULES AND BLANK MOD	ZETRON INC
DS90323	90323	5U RACK MOUNT KIT FOR AEROFLEX 3920	AEROFLEX WICHITA INC
DS9050133	905-0133	110/120VAC 50/60HZ OPERATION - MODE	ZETRON INC
DS9050141	905-0141	MODEL 15P FIELD PROGRAMMABLE, MULTI-FORMAT ENCODER, DESKTOP	ZETRON INC
DS9050358	905-0358	MODEL 6302 ROIP GATEWAY DUAL CHANNEL	ZETRON INC
DS9050404	905-0404	MODEL 2200 PAGING TERMINAL WITH RAID DISK DRIVE	ZETRON INC
DS9050429	905-0429	S2000 PUBLIC SAFETY PAGING BUNDLE	ZETRON INC
DS9059050135	905-0135	SPARES KIT FOR MODEL 2200	ZETRON INC
DS90603	90603	US REGIONAL KIT INCL BLACK HARD TRANSIT CASE + ACCESSORIES; US PLUG	AEROFLEX WICHITA INC
DS90889	90889	INTL KIT INCL BLACK HARD TRANSIT CASE + ACCESSORIES; UNIVERSAL PLUG	AEROFLEX WICHITA INC
DS90890	90890	CHINA KIT INCL BLACK HARD TRANSIT CASE + ACCESSORIES; CHINA PLUG	AEROFLEX WICHITA INC
DS91136	91136	KIT, COUPLER DUAL ANTENNA GPS SYSTEM	AEROFLEX WICHITA INC
DS91137	91137	KIT, COUPLER TRIPLE ANTENNA GPS SYSTEM	AEROFLEX WICHITA INC
DS9125250072EBM	9125250072EBM	REPLACEMENT BATTERY, 9125-2500 UPS AND 72EBM	SEPS INC
DS9130EBM900R	DS9130EBM900R	EXTENDED BATTERY MODULE FOR 9130 RACK MOUNT UPS (630W & 900W ON	SEPS INC
DS9130EBM900T	9130EBM900T	EXTENDED BATTERY MODULE FOR 9130 TOWER UPS (900W ONLY)	SEPS INC
DS9130NETCARD	116750222-001	NETCARD FOR POWERWARE 9130 MODELS ONLY	SEPS INC
DS9130R06302072	DS9130R06302072	UPS, 9130 RACKMNT, 700VA/630W, 72 MIN RUNTIME	SEPS INC
DS9130R06303105	DS9130R06303105	UPS, 9130 RACKMNT, 700VA/630W,105 MIN RUNTIME, SW	SEPS INC
DS9130R06304130	DS9130R06304130	UPS, 9130 RACKMNT, 700VA/630W, 130 MIN RUNTIME	SEPS INC
DS9130R09002055	9130R09002055	UPS, 9130 RACKMT,1000VA, 900W, 120V, SOFTWIRED, 55 MIN	SEPS INC
DS9130R09003083	DS9130R09003083	UPS, 9130 RACKMT,1000VA, 900W, 120V, SOFTWIRED, 83 MIN	SEPS INC
DS9130R09004108	DS9130R09004108	UPS, 9130 RACKMT,1000VA, 900W, 120V, SOFTWIRED, 108 MIN RUNTIME	SEPS INC
DS9130R0900N005	DS9130R0900N005	UPS, 9130 RACKMT, 1KVA/900W, 5 MIN RUN	SEPS INC
DS9130R13501023	DS9130R13501023	UPS, 9130 RACKMT, 1.5KVA/1.35KW, 23 MIN RUNTIME	SEPS INC
DS9130R13503067	DS9130R13503067	UPS, 9130 RACKMT, 1.5KVA/1.35KW, 1 HR 7 MIN RUNTIME	SEPS INC
DS9130T0630N006	9130T0630N006	UPS, 9130 TOWER, 700VA/630W, 6 MIN RUNTIME	SEPS INC
DS9130T09001030	9130T09001030	UPS, 9130 TOWER, 1KVA/900W, 30 MIN RUN	SEPS INC
DS9130T09002055	9130T09002055	UPS, 9130 TOWER, 1KVA/900W, 55 MIN RUN	SEPS INC
DS9130T09003083	DS9130T09003083	UPS, 9130 TOWER, 1KVA/900W, 83 MIN RUN, 120V	SEPS INC
DS9130T09004108	9130T09004108	UPS, 9130 TOWER, 1KVA/900W, 1 HR 48 MIN RUN	SEPS INC
DS9130T0900N005	9130T0900N005	UPS, 9130 TOWER, 1KVA/900W, 5 MIN RUNTIME	SEPS INC
DS9130T13501023	9130T13501023	UPS, 9130 TOWER, 1.5KVA/1.35KW, 23 MIN RUNTIME	SEPS INC
DS9130T13502048	9130T13502048	UPS, 9130 TOWER, 1.5KVA/1.35KW, 48 MIN RUNTIME	SEPS INC
DS9130T13503067	9130T13503067	UPS, 9130 TOWER, 1.5KVA/1.35KW, 67 MIN RUNTIME	SEPS INC
DS9130T13504091	DS9130T13504091	UPS, 9130 TOWER, 1.5KVA/1.35KW, 91 MIN RUNTIME, 120V SOFTWIRED	SEPS INC
DS9130T1350N005	9130T1350N005	UPS, 9130 TOWER, 1.5KVA/1.35KW, 5 MIN RUNTIME	SEPS INC
DS91679	91679	AEROFLEX COMBO STAND AND COVER	AEROFLEX WICHITA INC

DS917002D4N0006	917002D4N0006	UPS, 9170 3KVA/2.5KW, 6 MIN RUN	SEPS INC
DS917002D4N0006ISO	917002D4N0006ISO	DS91700D4N0006 W/ISOLATION OPTION	SEPS INC
DS917002D4N0016	917002D4N0016	UPS, 9170+ 3KVA/2.5KW, 16 MIN RUN	SEPS INC
DS917002D4N0016ISO	917002D4N0016ISO	DS91700D4N0016 W/ISOLATION OPTION	SEPS INC
DS917002D4N0027	917002D4N0027	UPS, 9170+ 3KVA/2.5KW, 27 MIN RUN	SEPS INC
DS917002D4N0027ISO	917002D4N0027ISO	DS91700D4N0027 W/ISOLATION OPTION	SEPS INC
DS917005D4N0006	917005D4N0006	UPS, 9170 6KVA/5KW, 6 MIN RUN	SEPS INC
DS917005D4N0006ISO	917005D4N0006ISO	DS917005D4N0006 W/ISOLATION OPTION	SEPS INC
DS917005D4N0016	917005D4N0016	UPS, 9170 6KVA/5KW, 16 MN RUN	SEPS INC
DS917005D4N0016ISO	917005D4N0016ISO	DS917005D4N0016 W/ISOLATION OPTION	SEPS INC
DS917005D4N0027ISO	917005D4N0027ISO	DS917005D4N0027 W/ISOLATION OPTION	SEPS INC
DS917007D4N0006	917007D4N0006	UPS, 9170 9KVA/7.5KW, 6 MIN RUN	SEPS INC
DS917007D4N0006ISO	917007D4N0006ISO	UPS, DS917007D4N0006 W/ISOLATION OPTION	SEPS INC
DS917007D4N0016	917007D4N0016	UPS, 9170 9KVA/7.5KW, 16 MIN RUN	SEPS INC
DS917007D4N0016ISO	917007D4N0016ISO	DS917007D4N0016 W/ISOLATION OPTION	SEPS INC
DS917007D4N0027	917007D4N0027	UPS, 9170 9KVA/7.5KW, 27 MIN RUN	SEPS INC
DS917007D4N0027ISO	917007D4N0027ISO	MOTO P/N DS917007D4N0027 W/ISOLATION OPTION	SEPS INC
DS917010D4D1030	917010D4D1030	UPS, 9170 12KVA/10KW, 30 MIN RUN	SEPS INC
DS917010D4D1030ISO	917010D4D1030ISO	MOT P/N DS917010D4D1030 W/ISOLATION OPTION	SEPS INC
DS917010D4N0006	917010D4N0006	UPS, 9170 12KVA/10KW, 6 MIN RUNTIME	SEPS INC
DS917010D4N0006ISO	917010D4N0006ISO	DS917010D4N0006 W/ISOLATION OPTION	SEPS INC
DS917010D4N0016	917010D4N0016	UPS, 9170 12KVA/10KW, 16 MIN RUN	SEPS INC
DS917010D4N0016ISO	917010D4N0016ISO	DS917010D4N0016 W/ISOLATION OPTION	SEPS INC
DS917012D4D1016	917012D4D1016	UPS, 9170 15KVA/12.5KW, 16 MIN RUN	SEPS INC
DS917012D4D1016ISO	917012D4D1016ISO	DS917012D4D1016 W/ISOLATION OPT	SEPS INC
DS917012D4D1030	917012D4D1030	UPS, 9170 15KVA/12.5KW, 30 MIN RUN	SEPS INC
DS917012D4D1030ISO	917012D4D1030ISO	DS917012D4D1030 W/ISOLATION OPT	SEPS INC
DS917012D4N0006	917012D4N0006	UPS, 9170 15KVA/12.5KW, 6 MIN RUN	SEPS INC
DS917012D4N0006ISO	917012D4N0006ISO	DS917012D4N0006 W/ISOLATION OPT	SEPS INC
DS917015D4D1016	917015D4D1016	UPS, 9170 18KVA/15KW, 16 MIN RUN	SEPS INC
DS917015D4D1016ISO	917015D4D1016ISO	DS917015D4D1016 W/ISOLATION OPTION	SEPS INC
DS917015D4D1027	917015D4D1027	UPS, 9170 18KVA/15KW, 27 MIN RUN	SEPS INC
DS917015D4D1027ISO	917015D4D1027ISO	DS917015D4D1027 W/ISOLATION OPTION	SEPS INC
DS917015D4D2031	917015D4D2031	UPS, 9170 18KVA/15KW, 31 MIN RUN	SEPS INC
DS917015D4D2031ISO	917015D4D2031ISO	DS917015D4D2031 W/ISOLATION OPTION	SEPS INC
DS917015D4D3060	917015D4D3060	UPS, 9170 18KVA/15KW, 1 HR RUN	SEPS INC
DS917015D4D3060ISO	917015D4D3060ISO	DS917015D4D3060 W/ISOLATION OPTION	SEPS INC
DS917015D4D4120ISO	917015D4D4120ISO	DS917015D4D4120 W/ISOLATION OPTION	SEPS INC
DS917015D4N0006	917015D4N0006	UPS, 9170 18KVA/15KW, 6 MIN RUN	SEPS INC
DS917015D4N0006ISO	917015D4N0006ISO	ISOLATION OPT FOR DS917015D4N0006ISO	SEPS INC
DS91706	91706	HARD TRANSIT CASE, BLACK	AEROFLEX WICHITA INC
DS9170ANCHORKIT	ASY-0548	ENCLOSURE ANCHOR KIT FOR EATON 9170 UPS. (REQ 1 SET PER UPS/BATT ENC)	SEPS INC
DS9170MBATT CAB12	9170MBATT CAB12	BATTERY CABINET FOR 9170+, 12 SLOT (NO BATTERIES)	SEPS INC
DS9170MBATTMODULES	9170MBATTMODULES	BATTERY MODULE FOR 1 SLOT, 9170+ UPS (INCLUDES 2 BATTERY MODULES)	SEPS INC
DS9170MEXTERNALISO	9170MEXTERNALISO	EXTERNAL ISOLATION OPTION FOR 9170 MODELS	SEPS INC
DS9170MPOWERMODULE	9170MPOWERMODULE	POWER MODULE, 3KVA/2.5KW, 9170+	SEPS INC
DS9170MSNMPCARD	EATON # 116750222-001	OPTL SNMP/WEB INTERNAL ADAPTER CARD FOR EATON 9170+ UPS	SEPS INC
DS9170POWERMODULE	9170POWERMODULE	POWER MODULE, 3KVA/2.5KW, 9170 SPARE/REPLACE/EXP (9170 SYS LIMIT 15)	SEPS INC
DS9170SNMPCARD	EATON MODEL # 116760222-001	SNMP / WEB ADAPTOR CARD FOR EATON 9170+ UPS	SEPS INC
DS9170UPSENC12	DS9170UPSENC12	ENCLOSURE, 9170+ UPS 12 SLOT REPLACEMENT (PLS REF ORIGINAL SERIAL NO)	SEPS INC
DS91822	91822	KOREAN LANGUAGE OPTION	AEROFLEX WICHITA INC
DS91823	91823	MALAY-INDONESIAN LANGUAGE OPTION	AEROFLEX WICHITA INC
DS91827	91828	SIMPLIFIED CHINESE LANGUAGE OPTION	AEROFLEX WICHITA INC
DS91829	91829	SPANISH LANGUAGE OPTION	AEROFLEX WICHITA INC
DS9200073	920-0073	DC CABLE ASSEMBLY FOR USE WITH C5, C6, OR C7 AMPLIFIER MODELS	CRESCEND TECHNOLOGIE
DS920015A002	920015A002	1 RU HIGH EFFICIENCT POWER SUPPLY?X	CRESCEND TECHNOLOGIE
DS92723	92723	ACCESSORY KIT, PRECISION DTF/VSWR	AEROFLEX WICHITA INC
DS92739	92739	3GHZ RETURN LOSS BRIDGE	AEROFLEX WICHITA INC
DS92775	92775	CHINA REGIONAL KIT INCL SOFT SIDED CARRYING CASE + ACCES; CHINA PLUG	AEROFLEX WICHITA INC
DS92776	92776	INTL REGIONAL KIT INCL SOFT SIDED CARRYING CASE + ACCES; INTL PLUG	AEROFLEX WICHITA INC
DS92777	92777	US REGIONAL KIT INCL SOFT SIDED CARRYING CASE + ACCESSORIES; US PLUG	AEROFLEX WICHITA INC
DS92793	92793	5107D POWER SENSOR (REQUIRES DS8800OPT13)	AEROFLEX WICHITA INC
DS9355B013B2076	DS9355B013B2076	UPS, 9355 15KVA/13.5KW, 3PH, 76 MIN RUN TIME	SEPS INC
DS9355C018N0018	DS9355-C018N0018 & C027MBC	UPS, 9355 20KVA/18KW, 3PH, 18 MIN RUN	SEPS INC
DS9390E036L1036	DS9390E036L1036	UPS, 9390 40KVA/36KW, 3PH, 36 MIN RUN, 208V, SIDECAR BYPASS, HW	SEPS INC
DS9390E036S1022	9390E036S1022	UPS, 9390 40KVA/36KW, 3PH, 22 MIN RUN	SEPS INC
DS9390E045S1017	9390E045S1017	UPS, 9390 50KVA/45KW, 3PH, 17 MIN RUN	SEPS INC
DS9390E054L2060	DS9390E054L2060	UPS, 9390 60KVA/54KW, 3PH, 60 MIN RUN INCLS SIDECAR MAINT BYPASS	SEPS INC
DS9390E072L1029	9390E072L1029	UPS, 9390 80KVA/72KW, 3PH, 29 MIN RUN	SEPS INC
DS9390SNMPCARD	DQ140716RK1A-5	EATON 9390 SNMP (GATEWAY) CARD FOR 9390 UPS CONNECTIVITY OPT	SEPS INC
DS9500259	950-0259	LOGGING PRINTER PORT (MODEL 2200 ONLY)	ZETRON INC

DS9500385	950-0385	ITU VOICE CONTROLLER WITH 14 VOICE CHANNELS (1 MAXIMUM 2100, 2 MAX ZETRON INC	
DS9500406	950-0406	POWER SUPPLY, 100-240VAC INPUT, 12VDC OUTPUT	ZETRON INC
DS9500851	950-0851	M251 DC REMOTE BASE STATION ADAPTER	ZETRON INC
DS9500972	950-0972	SERIAL/ETHERNET ADAPTER FOR S2000 ZBASEW SUBSCRIBER DATABASE	ZETRON INC
DS9501225	950-1225	2000 SERIES QSEVEN SBC OPTION	ZETRON INC
DS9501267	950-1267	M2200 SATA HARD DRIVE OPTION FOR QSEVEN SBC	ZETRON INC
DS9509069	950-9069	SYSTEM VOICE PROMPTS (REQUIRES VOICE CONTROLLER)	ZETRON INC
DS9509108	950-9108	DUAL ALPHANUMERIC MESSAGING INPUT MODEM OPTION	ZETRON INC
DS9509196	950-9196	MULTIPOINT SERIAL TAP INTERFACE CARD, 2 PORTS ACTIVE	ZETRON INC
DS9509346	950-9346	TNPP NETWORK INTERFACE. 4-WIRE, FULL HANDSHAKE, 2 PORTS ACTIVE	ZETRON INC
DS9509380	950-9380	1 15VAC 50/60HZ POWER SUPPLY FOR ST	ZETRON INC
DS9509439	950-9439	TELEPHONE/RADIO HEADSET INTERFACE (TRHI) FOR ALL MODELS	ZETRON INC
DS9509781	950-9781	RADIO STATION CONTROL CARD W/FULL-ADDRESSING PURC EMULATION	ZETRON INC
DS9509782	950-9782	SPARE POWER SUPPLY, 200W FOR MODEL 2200	ZETRON INC
DS9509783	950-9783	SPARE POWER SUPPLY, 80W FOR MODEL 2100	ZETRON INC
DS9509784	950-9784	SPARE POWER SUPPLY, 48VDC FOR TELCO SUPERVISION	ZETRON INC
DS9509785	950-9785	SPARE MAINTENANCE MODEM	ZETRON INC
DS9509786	950-9786	EXTENDER CARD FOR BOARD MAINTENANCE	ZETRON INC
DS9509822	950-9822	DUAL TELEPHONE INTERFACE CARD, 2-WIRE.SUPPORTS 2 LINES	ZETRON INC
DS9509835	950-9835	SPARE MULTIPOINT SERIAL CARD FOR TAP	ZETRON INC
DS9509836	950-9836	SPARE TNPP INTERFACE. 4-WIRE, FULL HANDSHAKE	ZETRON INC
DS9540009BP3	277125/ CORNING C95-400-09-BP3	SC/ST/FC CRIMP RING FOR 3.0MM PACK OF 100	ANIXTER INC
DS9540051BP3N	CORNING 95-400-51-BP3N	UNICAM CONNECTOR BOOTS COMPATIBLE 3.0MM 100 PACK	ANIXTER INC
DS96200024	96-200024	AXELL DC/DC CONVERTER	AXELL WIRELESS
DS98121	98-121	BATTERY, 12V 75 AH SEALED MAINT-FREE FOR ALL TRIPP LITE APS MODELS	TRIPP LITE MANUFACTU
DS9940000000	9940000000	INSTALL KIT AM1 0-70A CKT BRKR	ELTEK INC
DS9940000002	9940000002	INSTALL KIT AM1 UP TO 70A BRKR NOLUG	ELTEK INC
DS9940000003	9940000003	INSTALL KIT AM1BRKR 100A NOLUG	ELTEK INC
DS9940000004	9940000004	MECH LUG CKT BKR INSTALL KIT	ELTEK INC
DS9PXXD72001016H	DS9PXXD72001016H	UPS, 9PX, 7200W, 208/240V, HARDWIRED, 16 MIN RUNTIME RACK MT OR TOW SEPS INC	
DS9PXXD72005065H	9PXXD72005065H	UPS, 9PX, 7200W 208/240V HARDWIRED 65 MINUTE RUNTIME RACK MT OR TC SEPS INC	
DS9PXXD99902018H	9PXXD99902018H	UPS, 9PX, 9990W, 208/240V, HARDWIRED, 18 MIN RUNTIME	SEPS INC
DS9PXXD99903025H	9PXXD99903025H	UPS, 9PX, 9990W 208/240V HARDWIRED 25 MINUTE RUNTIME RACK MT OR TC SEPS INC	
DS9PXXD99904034H	9PXXD99904034H	UPS, 9PX, 9990W 208/240V HARDWIRED 34 MINUTE RUNTIME RACK MT OR TC SEPS INC	
DS9PXXEBM1800R	9PXXEBM1800R	EXTENDED BATTERY MODULE FOR EATON 9PX 1800W AND 2700W MODELS	SEPS INC
DS9PXXMBP2	9PXXMBP2	HOTSWAP MAINTENANCE BYPASS FOR 1800W MODELS	SEPS INC
DS9PXXMBP3	DS9PXXMBP3	HOTSWAP MAINTENANCE BYPASS FOR 2700W 9PX MODELS	SEPS INC
DS9PXXR13504100S	DS9PXXR13504100S	UPS, 9PX, 1350W, 120V, SOFTWIRED, 100 MIN RUNTIME RACKMOUNT	SEPS INC
DS9PXXR18001030S	DS9PXXR18001030S	UPS, 9PX, 1800W, 120V, SOFTWIRED, 30 MIN RUNTIME RACKMOUNT	SEPS INC
DS9PXXR18002060S	DS9PXXR18002060S	UPS, 9PX, 1800W, 120V, SOFTWIRED, 60 MIN RUNTIME RACKMOUNT	SEPS INC
DS9PXXR1800N008S	DS9PXXR1800N008S	UPS, 9PX, 1800W, 120V, SOFTWIRED, 8 MIN RUNTIME RACKMOUNT	SEPS INC
DS9PXXR27001023S	DS9PXXR27001023S	UPS, 9PX, 2700W, 120V, SOFTWIRED, 23 MIN RUNTIME RACKMOUNT	SEPS INC
DS9PXXR27003064S	DS9PXXR27003064S	UPS, 9PX, 2700W, 120V, SOFTWIRED, 64 MIN RUNTIME RACKMOUNT	SEPS INC
DS9PXXR27004086S	DS9PXXR27004086S	UPS, 9PX, 2700W, 120V, SOFTWIRED, 86 MIN RUNTIME RACKMOUNT	SEPS INC
DS9PXXR2700N005S	DS9PXXR2700N005S	UPS, 9PX, 2700W, 120V, SOFTWIRED, 5 MIN RUNTIME RACKMOUNT	SEPS INC
DS9PXXR45001020H	DS9PXXR45001020H	UPS, 9PX, 4500W, 208/240V, HARDWIRED, 20 MIN RUNTIME RACK MOUNT	SEPS INC
DS9PXXR45002038S	DS9PXXR45002038S	UPS, 9PX, 4500W, 208/240V, SOFTWIRED, 38 MIN RUNTIME RACK MOUNT	SEPS INC
DS9PXXR4500N003H	DS9PXXR4500N003H	UPS, 9PX, 4500W, 208/240V, HARDWIRED, 3 MIN RACK MOUNT	SEPS INC
DS9PXXR54001016H	DS9PXXR54001016H	UPS, 9PX, 5400W, 208/240V, HARDWIRED, 16 MIN RUNTIME RACK MOUNT	SEPS INC
DS9PXXR54002028S	DS9PXXR54002028S	UPS, 9PX, 5400W, 208/240V, SOFTWIRED, 28 MIN RUNTIME RACK MOUNT	SEPS INC
DS9PXXRELAY	DS9PXXRELAY	RELAY CARD FOR ALL 9PX MODELS	SEPS INC
DS9PXXT18004120S	DS9PXXT18004120S	UPS, 9PX, 1800W, 120V, SOFTWIRED, 120 MIN RUNTIME TOWER	SEPS INC
DS9PXXT1800N008S	DS9PXXT1800N008S	UPS, 9PX, 1800W, 120V, SOFTWIRED, 8 MIN RUNTIME TOWER	SEPS INC
DS9PXXT45002038H	DS9PXXT45002038H	UPS, 9PX, 4500W, 208/240V, HARDWIRED, 38 MIN RUNTIME TOWER	SEPS INC
DS9PXXT4500N003H	DS9PXXT4500N003H	UPS, 9PX, 4500W, 208/240V, HARDWIRED, 3 MIN RUNTIME TOWER	SEPS INC
DS9PXXT54001016S	DS9PXXT54001016S	UPS, 9PX, 5400W, 208/240V, SOFTWIRED, 16 MIN RUNTIME TOWER	SEPS INC
DSA0284798	A0284798	BELDEN BIX MOUNTING BRACKET 2 CONNECTORS -QMBIX10C	GRAYBAR ELECTRIC CO
DSA0393146	A0393146	BELDEN 24P4P BIX CAT5 CONNECTOR DIST. STRIP (NO RJ45)	GRAYBAR ELECTRIC CO
DSA3050150212	DSA3050150212	UPS, APS 5KVA/4.5KW 208/240V, EXT MBB, ISO XFMR, 15 MIN RUN AT FULL	CELL MANAGEMENT SYST
DSA3050260312	DSA3050260312	UPS, APS 5KVA/4.5KW 208/240V, EXT MBB, ISO XFMR, 26 MIN RUN AT FULL	CELL MANAGEMENT SYST
DSA3050380412	DSA3050380412	UPS, APS 5KVA/4.5KW 208/240V, EXT MBB, ISO XFMR, 38 MIN RUN AT FULL	CELL MANAGEMENT SYST
DSA4100310712	DSA4100310712	UPS, APS 10KVA/9KW 208/240V, EXT MBB, ISO XFMR, 31 MIN RUN AT FULL	CELL MANAGEMENT SYST
DSA4100481012	DSA4100481012	UPS, APS 10KVA/9KW 208/240V, EXT MBB, ISO XFMR, 48 MIN RUN AT FULL	CELL MANAGEMENT SYST
DSA4150050312	DSA4150050312	UPS, APS 15KVA/13.5KW 208/240V, EXT MBB, ISO XFMR, 5 MIN RUN AT FULL	CELL MANAGEMENT SYST
DSA4150260912	DSA4150260912	UPS, APS 15KVA/13.5KW 208/240V, EXT MBB, ISO XFMR, 26 MIN RUN AT FULL	CELL MANAGEMENT SYST
DSA4150381212	DSA4150381212	UPS, APS 15KVA/13.5KW 208/240V, EXT MBB, ISO XFMR, 38 MIN RUN AT FULL	CELL MANAGEMENT SYST
DSA4150421312	DSA4150421312	UPS, APS 15KVA/13.5KW 208/240V, EXT MBB, ISO XFMR, 42 MIN RUN AT FULL	CELL MANAGEMENT SYST
DSA4200150812	DSA4200150812	UPS, APS 20KVA/18KW 208/240V, EXT MBB, ISO XFMR, 15 MIN RUN AT FULL	CELL MANAGEMENT SYST
DSA4200472012	DSA4200472012	UPS, APS 20KVA/18KW 208/240V, EXT MBB, ISO XFMR, 47 MIN RUN AT FULL	CELL MANAGEMENT SYST
DSA420240512	DSA420240512	UPS, APS 20KVA/18KW 208/240V, EXT MBB, ISO XFMR, 240 MIN RUN 2 SP BAT	CELL MANAGEMENT SYST
DSA5DFD	A5DF-D	D-CLASS 7-16 DIN FEMALE FOR AVA5-50 CABLE	COMMSCOPE TECHNOLOGI

DSASDMD	A5DM-D	D-CLASS 7-16 DIN MALE FOR AVA5-50 CABLE	COMMSCOPE TECHNOLOGI
DSASFZEZPT	A5FX-EZPT	ASFX-EZPT CORREGATED 7/8IN CORING TOOL EXFIT- TO INSTALL 78EZDF CONN	COMMSCOPE TECHNOLOGI
DSA5NFS	A5NF-S	N FEMALE FOR AVA5-50 CABLE	COMMSCOPE TECHNOLOGI
DSA5NMS	A5NM-S	N MALE FOR AVA5-50 CABLE	COMMSCOPE TECHNOLOGI
DSA6AXFNP	A6AXFNP	AXIAL FAN, 6 INCH, COMPACT	ANIXTER INC
DSAA38L	AA-38L	AA-38L, GALVANIZED ANGLE ADAPTOR, LARGE W/ 3/8" TAPPED HOLES,PKG OF 10	TRIOLOGY COMMUNICATIO
DSAAAGU	AA-GU	AA-GU, UNIVERSAL GALVANIZED ANGLE ADAPTOR, PKG OF 10	TRIOLOGY COMMUNICATIO
DSAAUS	AA-US	AA-US, SST ANGLE ADAPTOR, SNAP IN VERSION, PKG OF 10	TRIOLOGY COMMUNICATIO
DSABS50SSH	AB-S50-SSH	PIPE-TO-PIPE ADAPTER, ADAPTS 1.5IN TO 3.5IN TO 2-3/8IN TO 5IN OD PIPE	COMMSCOPE TECHNOLOGI
DSAC25083	AC25083	TRANSIT CASE WITH WHEELS (PELICAN) FOR AEROFLEX 3920	AEROFLEX WICHITA INC
DSAC27002	AC27002	ATTEN 20DB 50W ADAPTER N-F TO BNC-F ADAPTER N-M TO TNC-M	AEROFLEX WICHITA INC
DSAC27003	AC27003	ATTEN2003 ATTENUATOR 20DB 150W ADAP N-F TO BNC-F ADAP N-M TO BNC-F	AEROFLEX WICHITA INC
DSAC27004	10192	SOFT-SIDED CARRYING CASE FOR 3550R	AEROFLEX WICHITA INC
DSAC601A	AC601A	4 CHANNEL VGA TO CAT5 SPLITTER/EXTENDER	BLACK BOX CORP
DSAC602A	AC602A	MINI-CAT5 VGA RECEIVER	BLACK BOX CORP
DSACATHS-01A	ACATHS-01A	ASSY,ASSY,ALIGN TOOL HSET	CAMBUIUM NETWORKS LIM
DSACM500L1DMDFNLM1	ACM500-L1-DMDFNL-M1	ANTENNA AND CABLE MONITOR 136-225 MHZ, 500W, 12V	BIRD ELECTRONIC CORP
DSACMI500MDMDFNM	ACMI500-M-DMDFNM	ANTENNA & CABLE MONITOR 500W, 470-960MHZ, 7/16M-7/16F, NF, +(18-36)	BIRD ELECTRONIC CORP
DSACP200BWM	1100-558	240V WIRE IN DEVICE 15 AMP	TRANSTECTOR SYSTEMS
DSACU1500AR2	ACU1500A-R2	KVM EXTENDER - DVI-D, USB 2.0, OVER CATX	BLACK BOX CORP
DSACU2209A	ACU2209A	SERVSWITCH DUAL-VIDEO CATX KVM EXTENDER, DUAL-ACCESS KIT	BLACK BOX CORP
DSACU5001A	ACU5001A	KVM EXTENDER FOR PS2 KYBS AND MICE	BLACK BOX CORP
DSACU5050AR2	ACU5050A-R2	VGA, USB KVM EXTENDER WITH AUDIO OVER CAT X CABLE	BLACK BOX CORP
DSACU6022A	ACU6022A	CATX EXTENDER USB 1 VGA W/ SERIAL AUDIO	BLACK BOX CORP
DSADP60SCP	AD-P60-SCP	ADAPTER CLAMP SET FOR UP TO 6-1/2 IN , 60DEG ANGLE LEGS	COMMSCOPE TECHNOLOGI
DSADP90SCP	AD-P90-SCP	BOOM GATE CLAMP SET, 5-1/2 IN TO 9-1/2 IN, 90DEG ANGLE LEGS	COMMSCOPE TECHNOLOGI
DSAE01DD1661100	AE01D-D1661-100	MT/XT300/40525A WALL SHELF 18.5IN X 12IN	COMMSCOPE TECHNOLOGI
DSAFBTET	AFB-TET	ANTENNA FLEXIBLE 380-430MHZ	PANORAMA ANTENNAS IN
DSAL4RPV501000	AL4RPV-50-1000-B	1000FT REEL - 1/2INCH AIR DI-ELECTRIC ALUMINUM CATVP HELIAX CABLE	COMMSCOPE TECHNOLOGI
DSAL4RPV503000	AL4RPV-50-300	3000FT REEL - 1/2INCH AIR DI-ELECTRIC ALUMINUM CATVP HELIAX CABLE	COMMSCOPE TECHNOLOGI
DSAL4RPV50500	AL4RPV-50-500	500FT REEL - 1/2INCH AIR DI-ELECTRIC ALUMINUM CATVP HELIAX CABLE	COMMSCOPE TECHNOLOGI
DSALARMBDGR	ALARM BOARD GRC#0054660	ADD OF 2ND GENERAC ALARM BOARD	GENERAC POWER SYSTEM
DSALARMBDONA	ALARM BOARD CUMMINS	CUMMINS ALARM BOARD, 8-POINT (ADDS 8 DRY CONTACTS)	CUMMINS NPOWER LLC
DSALLSXMMMA	POLYPHASER AL-LSXM-MA	LOOP FILTER 2-6GHZ 10W (AL-LSXM-MA)	TRANSTECTOR SYSTEMS
DSALLSXMMME	AL-LSXM-ME	RF SPD, DC BLOCK FILTER, 2-6 GHZ 10 W NM NF, ALUMINUM	TRANSTECTOR SYSTEMS
DSALPUF140	ALPU-F140	HYBRID SPD, WEATHERIZED CONSTRUCTION FOR SPEEDS UP TO AND >1GBE, R	TRANSTECTOR SYSTEMS
DSANT100	ANT-100	SH-362S SIGNAL HAWK FIELD STRENGTH ANT. 136-221 MHZ, SMA (M)	BIRD ELECTRONIC CORP
DSANT400	ANT-400	SH-362S SIGNAL HAWK FIELD STRENGTH ANT. 400-512 MHZ, SMA (M)	BIRD ELECTRONIC CORP
DSANT800	ANT-800	SH-362S SIGNAL HAWK FIELD STRENGTH ANT. 824-894 MHZ, SMA (M)	BIRD ELECTRONIC CORP
DSAP012J50	AP012J50	AP012J50, 1/2" PLENUM, 500HM, CORRUGATED, JCKTED UL-910, CATVP PER F	TRIOLOGY COMMUNICATIO
DSAP012U50	AP012U50	AP012U50, 1/2" CONDUIT CABLE, 500HM, CORRUGATED, UL-444 PER FT	TRIOLOGY COMMUNICATIO
DSAP6012J50	AP6012J50	AP6012J50, 1/2" PLENUM, 500HM, CORRUG(6GHZ), JCKTED UL-910,CATVP PER	TRIOLOGY COMMUNICATIO
DSAP8841	AP8841	RACK PDU 2G, METERED, ZEROU, 30A, 200/208V	CDW DIRECT LLC
DSAP8861	AP8861	RACK PDU 2G, METERED, ZEROU, 5.7KW, 208V	CDW DIRECT LLC
DSAP9564	AP9564	PDU, 1U, 20A, 120V,(10) 5-20;L5-20P	GRAYBAR ELECTRIC CO
DSAPEXIMAX808	1101-808-1	SPD, TYPE 1, 120/240VAC 1-PHASE NEMA 4X ENCLOSURE, SAD/MOV	TRANSTECTOR SYSTEMS
DSAPEXIMAX808M	1101-808-M-1	240/120 1 PHASE TYPE-1 METAL ENCLOSURE	TRANSTECTOR SYSTEMS
DSAPEXIMAX808MM	1101-808-MM-1	SPD, TYPE 2, 120/240VAC, 1-PHASE, NEMA 4X ENCLOSURE, MOV	TRANSTECTOR SYSTEMS
DSAPEXIMAX809	1101-809-1	SPD, TYPE 1, 120/208VAC, 3 PHASE NEMA 4X ENCLOSURE, SAD/MOV	TRANSTECTOR SYSTEMS
DSAPEXIMAX809M	1101-809-M-1	208/120 3 PHASE TYPE 1 METAL ENCLOSURE	TRANSTECTOR SYSTEMS
DSAPEXIMAX809MM	1101-809-MM-1	SPD, TYPE 2, 120/208VAC, 3-PHASE, NEMA 4X ENCLOSURE, MOV	TRANSTECTOR SYSTEMS
DSAPGBDFDF350	APG-BDFDF-350	SURGE ARRESTOR (350 V), 45-2170 MHZ	COMMSCOPE TECHNOLOGI
DSAPM0000USAC	APM0000USAC	POWER SUPPLY	RFI AMERICAS INC
DSAPM1317K248	APM1317K248	ADVANCED POWER MONITOR, 132-174 MHZ, 36-60 V DC (INC SINGLE COUPLE)	RFI AMERICAS INC
DSAPM1317K2AC	APM1317-K2AC	ADVANCED POWER MONITOR, 132-174 MHZ, 90-246V AC (INC SINGLE COUPLE)	RFI AMERICAS INC
DSAPM3852K2	APM3852-K2	ADVANCED POWER MONITOR, 380-520 MHZ, 9-36V DC (INC SINGLE COUPLER)	RFI AMERICAS INC
DSAPM3852K248	APM3852-K248	ADVANCED POWER MONITOR, 380-520 MHZ, 36-60V DC (INC SINGLE COUPLER)	RFI AMERICAS INC
DSAPM3852K2AC	APM3852-K2AC	ADVANCED POWER MONITOR, 380-520 MHZ, 90-246V AC (INC SINGLE COUPLE)	RFI AMERICAS INC
DSAPM7487K2	APM7487-K2	ADVANCED POWER MONITOR, 740-870 MHZ, 9-36V DC (INC SINGLE COUPLER)	RFI AMERICAS INC
DSAPM7487K248	APM7487-K248	ADVANCED POWER MONITOR, 740-870 MHZ, 36-60V DC (INC SINGLE COUPLER)	RFI AMERICAS INC
DSAPM7487K2AC	APM7487-K2AC	ADVANCED POWER MONITOR, 740-870 MHZ, 90-246V AC (INC SINGLE COUPLE)	RFI AMERICAS INC
DSAPM8796K2	APM8796-K2	ADVANCED POWER MONITOR, 870-960 MHZ, 9-36V DC (INC SINGLE COUPLER)	RFI AMERICAS INC
DSAPM8796K248	APM8796-K248	ADVANCED POWER MONITOR, 870-960 MHZ, 36-60V DC (INC SINGLE COUPLER)	RFI AMERICAS INC
DSAPM8796K2AC	APM8796-K2AC	ADVANCED POWER MONITOR, 870-960 MHZ, 90-246V AC (INC SINGLE COUPLE)	RFI AMERICAS INC
DSAPSBATTERYSTRG	APSBATTERYSTRG	BATTERY STRING FOR LIEBERT APS UPS (CONSISTING OF TWO BATTERIES)	CELL MANAGEMENT SYST
DSAPTDFDMDB	APT-DFDM-DB	SURGE ARRESTOR, DM/DF, 806-960 AND 1700-2170	COMMSCOPE TECHNOLOGI
DSAQ012J50	AQ012J50	AQ012J50, 1/2" PLENUM RADIATING,500HM,CORRUG,JCKTED UL-910,CATVP PI	TRIOLOGY COMMUNICATIO
DSAR012J50	AR012J50	AR012J50, 1/2" RADIATING, 500HM, BLACK POLYETHYLENE JCKT PER FT	TRIOLOGY COMMUNICATIO
DSAR078FX50	AR078FX50	7/8IN RADIATING, 50 OHM, LOW-SMOKE, FIRE RETARDANT JACKET	TRIOLOGY COMMUNICATIO
DSAR078J50	AR078J50	AR078J50, 7/8" RADIATING, 500HM, BLACK POLYETHYLENE JCKT PER FT	TRIOLOGY COMMUNICATIO
DSAR114J50	AR114J50	AR114J50, 1-1/4" RADIATING, 500HM, BLACK POLYETHYLENE JCKT PER FT	TRIOLOGY COMMUNICATIO



DSAR158J50	AR158J50	AR158J50, 1-5/8" RADIATING, 500HM, BLACK POLYETHYLENE JCKT PER FT	TRILOGY COMMUNICATIO
DSAR3100	AR3100	APC AR3100 42U NETSHELTER, 42DX23WX78H, BLACK	ANIXTER INC
DSARGB8	ARGB8	8 UNIT WALL MOUNT GROUND BAR ARRESTOR BRACKET	HARGER INC
DSASPA320	ASPA320	CLAMP MOUNTING	COMMSCOPE TECHNOLOGI
DSASPG931A	ASPG931	890-960 RADOME ANTENNA	PCTEL INC
DSASPIRO2U	ASPIRO2U	FRONT ACCESS 2U WITH LVBD, SINGLE PHASE, ACX ADVANCED CONTROLLER	WELDY LAMONT GROUP I
DSAT012FX50	AT012FX50	AT012J50, 1/2IN TRANSMISSION LINE,500HM,FIRE RETARDANT PER FT	TRILOGY COMMUNICATIO
DSAT012J50	AT012J50	AT012J50, 1/2" TRANSMISSION LINE,500HM,BLACK POLYETHYLENE JCKT PER F	TRILOGY COMMUNICATIO
DSAT012J75	AT012J75	CABLE: AT012J75, 1/2" AIRCELL 75 OHM TRANSLINE BLACK POLY JCKT, PER FT	TRILOGY COMMUNICATIO
DSAT058J50	AT058J50	AT058J50, 5/8"TRANSMISSION LINE, 500HM, BLACK POLYETHYLENE JCKT PER F	TRILOGY COMMUNICATIO
DSAT078J50	AT078J50	AT078J50, 7/8" TRANSMISSION LINE,500HM,BLACK POLYETHYLENE JCKT PER F	TRILOGY COMMUNICATIO
DSAT114J50	AT114J50	AT114J50, 1-1/4"TRANSMISSION LINE,500HM,BLACK POLYETHYLENE JCKT PER	TRILOGY COMMUNICATIO
DSAT158J50	AT158J50	AT158J50, 1-5/8"TRANSMISSION LINE,500HM,BLACK POLYETHYLENE JCKT PER	TRILOGY COMMUNICATIO
DSAT8CLC	88008263 / MFG: AT8CLC	LNE CRDG 8COND STRGHT FSL 1000 FT	GRAYBAR ELECTRIC CO
DSAT8X8	88008264 / MFG: AT8X8	MODULAR PLUG-MOUNTING QTY 100	GRAYBAR ELECTRIC CO
DSATK4DTR02A	ATK4DTR02A	KIT 450-470MHZ 2 CH, DB4368 COMBINER, MILLED WINDOW FILTER, 8 CH RMC	DBSPECTRA
DSATK4DTR03A	ATK4DTR03A	KIT 450-470MHZ 3 CH, DB4368 COMBINER, MILLED WINDOW FILTER, 8 CH RMC	DBSPECTRA
DSATK4DTR04A	ATK4DTR04A	KIT 450-470MHZ 4 CH, DB4368 COMBINER, MILLED WINDOW FILTER, 8 CH RMC	DBSPECTRA
DSATK4DTR05A	ATK4DTR05A	KIT 450-470MHZ 5 CH, DB4368 COMBINER, MILLED WINDOW FILTER, 8 CH RMC	DBSPECTRA
DSATK4DTR06A	ATK4DTR06A	KIT 450-470MHZ 6 CH, DB4368 COMBINER, MILLED WINDOW FILTER, 8 CH RMC	DBSPECTRA
DSATK851CF18R2	ATK851CF18R2	2 CHANNEL 800MHZ COMBINING KIT FOR ATS PROGRAM, 851-869 AND 806-824	DBSPECTRA
DSATK851CFR02	ATK851CFR02	2 CHANNEL 800MHZ COMBINER, FILTER, RXMC KIT	DBSPECTRA
DSATK851CFR03	ATK851CFR03	3 CHANNEL 800MHZ COMBINER, FILTER, RXMC KIT	DBSPECTRA
DSATK851CFR04	ATK851CFR04	4 CHANNEL 800MHZ COMBINER, FILTER, RXMC KIT	DBSPECTRA
DSATK851CFR05	ATK851CFR05	5 CHANNEL 800MHZ COMBINER, FILTER, RXMC KIT	DBSPECTRA
DSATK851CFR06	ATK851CFR06	6 CHANNEL 800MHZ COMBINER, FILTER, RXMC KIT	DBSPECTRA
DSATK851CFR07	ATK851CFR07	7 CHANNEL 800MHZ COMBINER, FILTER, RXMC KIT	DBSPECTRA
DSATK851CFR08	ATK851CFR08	8 CHANNEL 800MHZ COMBINER, FILTER, RXMC KIT	DBSPECTRA
DSATK851CFR09	ATK851CFR09	9 CHANNEL 800MHZ COMBINER, FILTER, RXMC KIT	DBSPECTRA
DSATK928CFR04	ATK928CFR04	4 CHANNEL 900MHZ COMBINER, FILTER, RXMC KIT	DBSPECTRA
DSATK928CFR05	ATK928CFR05	5 CHANNEL 900MHZ COMBINER, FILTER, RXMC KIT	DBSPECTRA
DSATK928CFR08	ATK928CFR08	8 CHANNEL 900MHZ COMBINER, FILTER, RXMC KIT	DBSPECTRA
DSATK928CFR10	ATK928CFR10	10 CHANNEL 900MHZ COMBINER, FILTER, RXMC KIT	DBSPECTRA
DSATK928CR05	ATK928CR05	935-940MHZ CERAMIC COMBINER & 8 CHANNEL RXMC KIT NO FILTER N CONN	DBSPECTRA
DSATS4TMA44R	ATS4TMA4-4-R	TTA, 456-470 MHZ, FREQUENCIES ARE REQUIRED	DBSPECTRA
DSATS4TRXRMT	ATS4TRX-RMT	ATS4TRX-RMT, 450-470 MHZ, UHF TMA AND RXMC W/PDU	DBSPECTRA
DSATS8TMA10R	ATS8TMA10-R	ATS7TMA10-R, 806-816 MHZ TOWER TOP AMP W/ TEST PORT, 10MHZ PASSBA	DBSPECTRA
DSATS8TMA18R	ATS8TMA18-R	ATS8TMA18-R, 806-824 MHZ TOWER TOP AMP W/ TEST PORT, 18MHZ PASSBA	DBSPECTRA
DSATS8TMA3R	ATS8TMA3-R	DSATS8TMA3R TOWER TOP AMPLIFIER,806-824MHZ, 3MHZ PASSBAND	DBSPECTRA
DSATS5VC209	SVC 209	ATS SERVICE	DBSPECTRA
DSAU012J50	AU012J50	AU012J50,1/2"ULTRA-FLEX,500HM,CORRUGATE,BLACK POLYETHYLENE JCKT PE	TRILOGY COMMUNICATIO
DSAVA550	AVA5-50	AVA5-50, COAXIAL CABLE, CORRUGATED COPPER,7/8 IN, BLACK PE JACKET	COMMSCOPE TECHNOLOGI
DSAX100798	AX100798	BELDEN 6P8C BIX MODULE CONNECTOR W/ RJ45- QCB1X36D	GRAYBAR ELECTRIC CO
DSB004008	B004-008	SWITCH, 8 PORT KVM SWITCH, (W/ON-SCREEN DISPLAY, PS/2, NON-EXPANDAE	TRIPP LITE MANUFACTU
DSB019000	B019-000	TWO-POST RACKMOUNT BRACKET FOR B021 AND B020 SERIES KVM SWITCH C	TRIPP LITE MANUFACTU
DSB02000817	B020-008-17	SWITCH, 8 PORT KVM,17 INCH CONSOLE (WITH BUILT-IN SLIDE OUT KEYBOARD	TRIPP LITE MANUFACTU
DSB02001617	B020-016-17	SWITCH, 16 PORT KVM SWITCH, 17 INCH CONSOLE (WITH BUILT-IN SLIDE OUT	TRIPP LITE MANUFACTU
DSB020U0819IP	B020-U08-19-IP	NETDIRECTOR 19IN CONSOLE KVM WIITH BUILT-IN IP ACCESS - 8 PORT	TRIPP LITE MANUFACTU
DSB39003003	B39-00-3003	LS PLUS 300 120/208-3Y MOV 300 KA, STEEL ENCLOSURE, WITH DISCONNECT	TRANSTECTOR SYSTEMS
DSB82XPRBP	B82XPR (BP=BELOW PANEL MTG)	SPD, TYPE 1, 120/240VAC 1-PH (MNT BELOW PANEL)	RAYCAP INC
DSB82XRRBP	B82XRR (BP=BELOW PANEL MTG)	SPD, TYPE 2, 120/240VAC 1-PH (MNT BELOW PANEL)	RAYCAP INC
DSB84XPRBP	B84XPR (BP=BELOW PANEL MTG)	SPD, TYPE 1, 208/120VAC 3-PH (MNT BELOW PANEL)	RAYCAP INC
DSB84XRRBP	B84XRR (BP=BELOW PANEL MTG)	SPD, TYPE 2, 208/120VAC 3-PH (MNT BELOW PANEL)	RAYCAP INC
DSBA16067DIN	BA160-67-DIN	OMNI, EXPOSED DIPOLE ARRAY, 9 DBD, 400-520 MHZ, PIM RATED	RFI AMERICAS INC
DSBA16067DINT3	BA160-67-DIN-T3	OMNI, EXPOSED DIPOLE ARRAY, 9 DBD, 400-520 MHZ, 3 DEG DT, PIM RATED	RFI AMERICAS INC
DSBA404041DIN	BA4040-41-DIN	DUAL OMNI, EXPOSED DIPOLE ARRAY, 3 DBD, 136-174 MHZ, PIM RATED	RFI AMERICAS INC
DSBA404067DIN	BA4040-67-DIN	OMNI, DUAL EXPOSED DIPOLE ARRAY, 2 X 3 DBD, 400-520 MHZ, PIM RATED	RFI AMERICAS INC
DSBA4041DIN	BA40-41-DIN	OMNI, EXPOSED DIPOLE ARRAY, 3 DBD, 136-174 MHZ, PIM RATED	RFI AMERICAS INC
DSBA4057DIN	BA4057DIN	OMNI, EXPOSED DIPOLE ARRAY, 3 DBD, 330-420 MHZ, PIM RATED	RFI AMERICAS INC
DSBA4067DIN	BA40-67-DIN	OMNI, EXPOSED DIPOLE ARRAY, 3 DBD, 400-520 MHZ, PIM RATED	RFI AMERICAS INC
DSBA8041DIN	BA80-41-DIN	OMNI, EXPOSED DIPOLE ARRAY, 6 DBD, 136-174 MHZ, PIM RATED	RFI AMERICAS INC
DSBA8057DIN	BA80-57-DIN	OMNI, EXPOSED DIPOLE ARRAY, 6 DBD, 330-420 MHZ, PIM RATED	RFI AMERICAS INC
DSBA8067DIN	BA80-67-DIN	OMNI. EXPOSED DIPOLE ARRAY, 6 DBD, 400-520 MHZ, PIM RATED	RFI AMERICAS INC
DSBA8067DINT3	BA80-67-DIN-T3	OMNI, DUAL EXPOSED DIPOLE ARRAY, 2 X 6DBD, 400-520MHZ, 3DEG DT, PIM R	RFI AMERICAS INC
DSBA8067DINT8	BA80-67-DIN-T8	OMNI, EXPOSED DIPOLE ARRAY, 6DBD, 400-520MHZ, 8DEG DT, PIM RATED	RFI AMERICAS INC
DSBA808067DIN	BA8080-67-DIN	OMNI, DUAL EXPOSED DIPOLE ARRAY, 2 X 6DBD, 400-520 MHZ, PIM RATED	RFI AMERICAS INC
DSBAT110	BAT110	HIGH POWER ANNENUATOR FOR XT/L/APX AUTOTUNE	FREEDOM COMMUNICATIO
DSBATBP90	BAT-BP90	SPARE BATTERY FOR R8000 W/O GLOVE CASE	FREEDOM COMMUNICATIO
DSBATT8000	BATT8000	BATTERY KIT FOR R8000, LI-ION (INCLUDES R8-HC GLOVE CASE)	FREEDOM COMMUNICATIO
DSBATT8100	BATT8100	SPARE BATTERY FOR R8100 ONLY (1 INCLUDED WITH R8100)	FREEDOM COMMUNICATIO
DSBATTERYMOD	NBATTMOD	BATTERY MODULE FOR LIEBERT NFINITY UPS	CELL MANAGEMENT SYST

DSBB0071SPILL1	BB0071SPILL1	SPILL CONTAINMENT FOR DDM85-15 4WX6H	ELTEK INC
DSBB0071SYS1	BB0071SYS1	DC POWER SYS, FP216 -48/600 2 BC41 R3 2BD4, 23IN DIST PANEL, REAR BUS	ELTEK INC
DSBB0073SPILL1	BB0073SPILL1	SPILL CONTAINMENT FOR DDM85-33 4WX6H	ELTEK INC
DSBB0073SYS1	BB0073SYS1	DC POWER SYS, FP216 -48/600A 2CBA31 R1 2BD2, DIST PANEL,	ELTEK INC
DSBB0080SPILL1	BB0080SPILL1	SPILL CONTAINMENT FOR DDM50-13 4WX6H	ELTEK INC
DSBB0112R1SYS1	BB0112R1SYS1	FP2 NOAH DC SYS, -48/300A D23A22 R6 2T2 2BW7. 7FT X 23IN	ELTEK INC
DSBB0147R1INV1	BB0147R1INV1	MX 2KW N+1 INVERTER; 48VDC INPUT, 120VAC/60HZ W/SNMP V3 19IN	ELTEK INC
DSBB0154R2SPILL1	BB0154R2SPILL1	SPILL CONTAINMENT FOR DDM100-25 3WX8H HWK 31-38	ELTEK INC
DSBB0155R3SPILL1	BB0155R3SPILL1	SPILL CONTAINMENT FOR DDM85-21 3WX8H HAWK 28-33	ELTEK INC
DSBB0160R3SPILL1	BB0160R3SPILL1	SPILL CONTAINMENT FOR DDM100-27 3WX8H HAWK 32-61	ELTEK INC
DSBB0204R1BAT1	BB0204R1BAT1	BATTERY C&D 105AH 48V BATTERY STRING TEL12-105FS-BST REFERENCE NMI-	ELTEK INC
DSBB0224R1BAT1	BB0224R1BAT1	FP2 SYSTEM / FRONT/REAR WIRE 333AMP MAX, LVBD ONLY -48V	ELTEK INC
DSBB8965CR	BB8965CR	896 - 970 MHZ BLACK, MOBILE COIL ANTENNA WITH ELASTOMER SPRING	LAIRD TECHNOLOGIES
DSBBA800	BBA-800	ISOLATED GROUND BUS BAR ASSEMBLY, 800A	NEWMAR
DSBBP1948V1100A	BBP1948V1100A	100A BATTERY DISCONNECT BREAKER PANEL	LAMARCHE MFG CO
DSBBP1948V1125A	BBP1948V1125A	BATTERY DISCONNECT, 125 AMP, 48 VDC 19 IN MOUNT	LAMARCHE MFG CO
DSBBP2348V1500A	BBP2348V1500A	500A BATTERY DISCONNECT	LAMARCHE MFG CO
DSBC2000A0110VC	BC2000-A01-10VC	CONTROLLER, 48V SYSTEM W/ ETHERNET, W/ CLEI	ELTEK INC
DSBC2000B0110VV	BC2000-B01-10VV	CONTROLLER, 24V, SYSTEM CONTROLLER W/ ETHERNET	ELTEK INC
DSBC3010	BC-30-10	BC-30-10 PIPE TO PIPE CLAMP, 10IN ROD KIT2	COMMSCOPE TECHNOLOGI
DSBCDUP01AA	BCDUP01AA	380-430MHZ 2 CH DUPLEX/HYV COMB/RX AMP & SPLITTER SINGLE TRAY AC PV DBSPECTRA	DBSPECTRA
DSBCDUP01AD	BCDUP01AD	380-430MHZ 2 CH DUPLEX/HYV COMB/RX AMP & SPLITTER SINGLE TRAY DC PV DBSPECTRA	DBSPECTRA
DSBCDUP01BA	BCDUP01BA	450-470MHZ 2 CH DUPLEX/HYV COMB/RX AMP & SPLITTER SINGLE TRAY AC PV DBSPECTRA	DBSPECTRA
DSBCDUP01BD	BCDUP01BD	450-470MHZ 2 CH DUPLEX/HYV COMB/RX AMP & SPLITTER SINGLE TRAY DC PV DBSPECTRA	DBSPECTRA
DSBCDUP01BRCKT	BCDUP01BRCKT	2 POST RACK ADAPTER KIT FOR SINGLE AND 2 CH HYBRID DUPLEXER SYSTEMS	DBSPECTRA
DSBCDUP02AA	BCDUP02AA	380-430MHZ SINGLE CH DUPLEXER/RX AMP AC POWER	DBSPECTRA
DSBCDUP02AD	BCDUP02AD	380-430MHZ SINGLE CH DUPLEXER/RX AMP DC POWER	DBSPECTRA
DSBCDUP02BA	BCDUP02BA	450-470MHZ SINGLE CH DUPLEXER/RX AMP AC POWER	DBSPECTRA
DSBCDUP02BD	BCDUP02BD	450-470MHZ SINGLE CH DUPLEXER/RX AMP DC POWER	DBSPECTRA
DSBCDUP02CA	BCDUP02CA	470-512MHZ, SINGLE CH DUPLEX SYSTEM AC POWER	DBSPECTRA
DSBCDUP03A	BCDUP03A	DUPLEX03 2 CHANNEL DUPLEXER 806-824MHZ RX 851-869TX AC PWR	DBSPECTRA
DSBCDUP03D	BCDUP03D	DUPLEX03 2 CHANNEL DUPLEXER 806-824MHZ RX 851-869TX DC PWR	DBSPECTRA
DSBCDUP04A	BCDUP04A	DUPLEX04 SINGLE CH DUPLEXER RX AMP 806 824MHZ RX 851 869MHZ TX AC P DBSPECTRA	DBSPECTRA
DSBCDUP04D	BCDUP04D	DUPLEX04 SINGLE CH DUPLEXER RX AMP 806 824MHZ RX 851 869MHZ TX DC P DBSPECTRA	DBSPECTRA
DSBCDUP05A	BCDUP05A	DUPLEX05 2 CHANNEL DUPLEXER 896-902MHZ RX 935-941TX AC PWR	DBSPECTRA
DSBCDUP05D	BCDUP05D	DUPLEX05 2 CHANNEL DUPLEXER 896-902MHZ RX 935-941TX DC PWR	DBSPECTRA
DSBCDUP06A	BCDUP06A	DUPLEX06 SINGLE CH DUPLEXER RX AMP 896 90MHZ RX 935 941MHZ TX AC PV DBSPECTRA	DBSPECTRA
DSBCDUP06D	BCDUP06D	DUPLEX06 SINGLE CH DUPLEXER RX AMP 896 90MHZ RX 935 941MHZ TX DC PV DBSPECTRA	DBSPECTRA
DSBCDUP07AA	BCDUP07AA	2 CH DUPLEXER/HYB COMB/RX AMP AND SPLITTER, SINGLE TRAY, AC 138-150M DBSPECTRA	DBSPECTRA
DSBCDUP07AD	BCDUP07AD	2 CH DUPLEXER/HYB COMB/RX AMP AND SPLITTER, SINGLE TRAY, DC 138-150M DBSPECTRA	DBSPECTRA
DSBCDUP07BA	BCDUP07BA	2 CH DUPLEXER/HYB COMB/RX AMP AND SPLITTER, SINGLE TRAY, AC 150-174M DBSPECTRA	DBSPECTRA
DSBCDUP07BD	BCDUP07BD	2 CH DUPLEXER/HYB COMB/RX AMP AND SPLITTER, SINGLE TRAY, DC 150-174M DBSPECTRA	DBSPECTRA
DSBCDUP08AA	BCDUP08AA	SINGLE CH DUPL/HYB COMB/RX AMP & SPLITTER, SINGLE TRAY, AC, 138-150M DBSPECTRA	DBSPECTRA
DSBCDUP08AD	BCDUP08AD	SINGLE CH DUPL/HYB COMB/RX AMP & SPLITTER, SINGLE TRAY, DC 138-150M DBSPECTRA	DBSPECTRA
DSBCDUP08BA	BCDUP08BA	SINGLE CH DUPL/HYB COMB/RX AMP & SPLITTER, SINGLE TRAY, AC 150-174M DBSPECTRA	DBSPECTRA
DSBCDUP08BD	BCDUP08BD	SINGLE CH DUPL/HYB COMB/RX AMP & SPLITTER, SINGLE TRAY, DC 150-174M DBSPECTRA	DBSPECTRA
DSBCH00008	BCH00008	8 CHANNEL SHORT HAUL COMBINER, CSC01, 100-960MHZ	DBSPECTRA
DSBCH00016	BCH00016	16 CHANNEL CONTROL STATION COMBINER, CSC01,100-960MHZ	DBSPECTRA
DSBCH11006	BCH11006	6 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02,764-869MHZ	DBSPECTRA
DSBCH11008	BCH11008	8 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02,764-869MHZ	DBSPECTRA
DSBCH11016	BCH11016	16 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02,764-869MHZ	DBSPECTRA
DSBCH11018	BCH11018	18 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02,764-869MHZ	DBSPECTRA
DSBCH11032	BCH11032	32 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02,764-869MHZ	DBSPECTRA
DSBCH11212	BCH11212	12 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02,896-960MHZ	DBSPECTRA
DSBCH11216	BCH11216	16 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02,896-960MHZ	DBSPECTRA
DSBCH11306	BCH11306	6 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02, 806-869MHZ	DBSPECTRA
DSBCH11316	BCH11316	16 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02, 806-869MHZ	DBSPECTRA
DSBCH11324	BCH11324	24 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02, 806-869MHZ	DBSPECTRA
DSBCH11408	BCH11408	8 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02,350-405MHZ	DBSPECTRA
DSBCH11412	BCH11412	12 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02,400-475MHZ	DBSPECTRA
DSBCH11504	BCH11504	4 CHANNEL CONTROL STATION COMBINER PASSIVE, CSC02 150-174MHZ	DBSPECTRA
DSBCH11508	BCH11508	8 CHANNEL CONTROL STATION COMBINER PASSIVE, CSC02 150-174MHZ	DBSPECTRA
DSBCH11604	BCH11604	4 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02,450-512MHZ	DBSPECTRA
DSBCH11608	BCH11608	8 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02,450-512MHZ	DBSPECTRA
DSBCH11616	BCH11616	16 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02,450-512MHZ	DBSPECTRA
DSBCH11704	BCH11704	4 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02,380-420MHZ	DBSPECTRA
DSBCH11808	BCH11808	8 CHANNEL CONTROL STATION COMBINER (PASSIVE), CSC02,138-150MHZ	DBSPECTRA
DSBCRMC06EXP	BCRMC06-EXP	BCRMC06-EXP 8-CHANNEL EXPANSION	DBSPECTRA
DSBCRMC08U	BCRMC08U	380-512MHZ MURS INTEGRATED RX FILTER AND MULTICOUPLER 2RU HOUSING	DBSPECTRA
DSBCRMC08V	BCRMC08V	138-174MHZ MURS INTEGRATED RX FILTER AND MULTICOUPLER 2RU HOUSING	DBSPECTRA
DSBFD	BFD	BULKHEAD FLANGE MOUNT ADAPTER	TRANSECTOR SYSTEMS

DSBGXZ60NFNFCNS	BGXZ-60NFNF-CNS	LIGHTNING ARRESTOR, COAX, N-TYPE, NF-NF, POLYPHASER	TRANSTECTOR SYSTEMS
DSBH114	BH-114	BH-114 BUTTERFLY HANGER FOR 1-1/4 AIRCELL COAX,PKG OF 10	TRIOLOGY COMMUNICATIO
DSBH12	BH-12	BH-12 BUTTERFLY HANGER FOR 1/2 AIRCELL COAX,PKG OF 10	TRIOLOGY COMMUNICATIO
DSBH158	BH-158	BH-158 BUTTERFLY HANGER FOR 1-5/8 AIRCELL COAX,PKG OF 10	TRIOLOGY COMMUNICATIO
DSBH58	BH-58	BH-58 BUTTERFLY HANGER FOR 5/8 AIRCELL COAX,PKG OF 10	TRIOLOGY COMMUNICATIO
DSBH78	BH-78	BH-78 BUTTERFLY HANGER FOR 7/8 AIRCELL COAX,PKG OF 10	TRIOLOGY COMMUNICATIO
DSBHK10010	BHK-100-10	BHK-100-10, HANGER HARDWARE 3/8" X 1" HEX BOLT W/ WASHER & NUT, PKC	TRIOLOGY COMMUNICATIO
DSBHK3410	BHK-34-10	BHK-34-10,HANGER HARDWARE 3/8" X 3/4" HEX BOLT W/ WASHER & NUT, PKC	TRIOLOGY COMMUNICATIO
DSBMAXMFT	BMAXMFT	ANTENNA 1/4 WAVE BLK	PCTEL INC
DSBMUF7603	BMUF7603	ANTENNA, 760-870 CLOSED COIL ELEVATED FEED, BLACK	PCTEL INC
DSBP24V282U	BP24V28-2U	24V EXTERNAL BATTERY PACK , SMART ONLINE UPS 24V RM 2U	TRIPP LITE MANUFACTU
DSBP36V152U	BP36V15-2U	36V EXTERNAL BATTERY PACK FOR SMART UPS, 36V RM 2U EXT BATTERY PACK	TRIPP LITE MANUFACTU
DSBP48V242U	BP48V24-2U	48V EXTERNAL BATTERY PACK, SMART UPS 48V RM 2U EXTERNAL	TRIPP LITE MANUFACTU
DSBP48V48RT4U	BP48V48RT4U	48V SHALLOW DEPTH EXTERNAL UPS BATTERY PACK 4U RM	TRIPP LITE MANUFACTU
DSBPK1948VL18R	BPK1948VL18R	19 IN 48V, 600A DISTRIBUTION PANEL, 18 POSITIONS (NO RETURN BAR)	LAMARCHE MFG CO
DSBPKR1912VL18RN	BPKR1912VL18RN	19 INCH 12V DISTRIBUTION PANEL WITH RETURN (NEGATIVE GROUND)	LAMARCHE MFG CO
DSBPKR1924VL18R	BPKR1924VL18R	19 INCH 24V DISTRIBUTION PANEL WITH RETURN (POSITIVE GROUND)	LAMARCHE MFG CO
DSBPKR1948VL18R	BPKR1948VL18R	19 INCH 48V DISTRIBUTION PANEL WITH RETURN	LAMARCHE MFG CO
DSBPKR1948VL18RC	BPKR1948VL18RC	48 VDC 19" BREAKER PANEL WITH REAR PROTECTIVE COVER	LAMARCHE MFG CO
DSBPV1948V14R	BPV1948V14R	SPLIT BUS BREAKER PANEL	LAMARCHE MFG CO
DSBPV1948V14RC	BPV1948V14RC	48 VDC 19" SPLIT BUS BREAKER PANE WITH REAR PROTECTIVE COVER	LAMARCHE MFG CO
DSBR19231U	BR1923-1U	BRACKET,19 INCH TO 23 INCH EXPANSION, 1U	ELTEK INC
DSBSA150C	BSA150C	BSA150C 144-174 MHZ, 3 DBD GAIN, GROUND PLANE, UHF(F)	PULSE ELECTRONICS IN
DSBSA150K	BSA150K	BASE ANTENNA OMDIR	PULSE ELECTRONICS IN
DSBSA406K	BSA406K	BASE ANTENNA OMDIR	PULSE ELECTRONICS IN
DSBSA450K	BSA450K	BASE ANTENNA OMDIR	PULSE ELECTRONICS IN
DSBSAKIT	BSAKIT	ANTENNA KIT	PULSE ELECTRONICS IN
DSBSR3308PSNFP	BSR 3308 PS NFPA-AC	SMR 800 REBANDABLE MINI SIGNAL BOOSTER, 33DBM COMP, 85DB GAIN, 3/8	AXELL WIRELESS
DSBT2XPRAP	BT2XPR (AP=ABOVE PANEL MTG)	SPD, TYPE 1, 120/240VAC 1-PH (MNT ABOVE PANEL)	RAYCAP INC
DSBT2XRRAP	BT2XRR (AP=ABOVE PANEL MTG)	SPD, TYPE 2, 120/240VAC 1-PH (MNT ABOVE PANEL)	RAYCAP INC
DSBT4XPRAP	BT4XPR (AP=ABOVE PANEL MTG)	SPD, TYPE 1, 208/120VAC 3-PH (MNT ABOVE PANEL)	RAYCAP INC
DSBT4XRRAP	BT4XRR (AP=ABOVE PANEL MTG)	SPD, TYPE 2, 208/120VAC 3-PH (MNT ABOVE PANEL)	RAYCAP INC
DSC00000L033A	C000000L033A	GIGABIT SURGE SUPPRESSOR (56V)	CAMBIUM NETWORKS LIM
DSC00000L056	C000000L056	WIRELESS MANAGER 4.0, INCLUDES 10 NODE LICENSES	CAMBIUM NETWORKS LIM
DSC00000L056A	C000000L056A	WIRELESS MANAGER 4.0, INCLUDES 10 NODE LICENSES	CAMBIUM NETWORKS LIM
DSC00000L057	C000000L057	WM 4.0 NODE LICENSE, QTY = 1	CAMBIUM NETWORKS LIM
DSC00000L057A	C000000L057A	WM 4.0 NODE LICENSE, QTY = 1	CAMBIUM NETWORKS LIM
DSC00000L058	C000000L058	WM 4.0 NODE LICENSE, QTY = 1	CAMBIUM NETWORKS LIM
DSC00000L062	C000000L062	WM 4.0 NODE LICENSE, HA, QTY = 1	CAMBIUM NETWORKS LIM
DSC000025L001A	C000025L001A	PTP 250 POE MAINS POWER SUPPLY	CAMBIUM NETWORKS LIM
DSC000025L002A	C000025L002A	3-PIN IEC MAINS POWER LEAD (USA)	CAMBIUM NETWORKS LIM
DSC000045K007	C000045K007A	PMP 450 20 TO UNCAPPED MBPS UPGRADE KEY	CAMBIUM NETWORKS LIM
DSC000065K018A	C000065K018A	PTP 650 128-BIT AES ENCRYPTION - PER ODU	CAMBIUM NETWORKS LIM
DSC000065K019A	C000065K019A	PTP 650 256-BIT AES ENCRYPTION PER ODU	CAMBIUM NETWORKS LIM
DSC000065K022A	C000065K022A	PTP 650 LITE(TO 125MBPS) TO FULL(TO 450) LINK CAP UPGRADE LIC PER ODU	CAMBIUM NETWORKS LIM
DSC000065K049A	C000065K049A	PTP 650 8-PORT T1 E1 SOFTWARE LICENSE PER END	CAMBIUM NETWORKS LIM
DSC000065K051A	C000065K051A	PTP 650 5/10/15/20 MHZ CHANNEL (UP TO 200MBPS) LICENSE PER END	CAMBIUM NETWORKS LIM
DSC000065K058A	C000065K058A	PTP 650L 10MHZ TO 30MHZ UPGRADE LICENSE PER END	CAMBIUM NETWORKS LIM
DSC000065L007A	C000065L007A	PTP 650 LPU AND GROUNDING KIT (1 KIT PER ODU)	CAMBIUM NETWORKS LIM
DSC000065L008A	C000065L008A	PTP 650 OPTICAL 1000BASELX ETHERNET SFP MODULE	CAMBIUM NETWORKS LIM
DSC000065L009A	C000065L009A	MULTI-MODE OPTICAL 1000BASESX SFP INTERFACE PER ODU	CAMBIUM NETWORKS LIM
DSC000065L010A	C000065L010A	GIGABIT ETHERNET 1000BASET SFP INTERFACE PER ODU	CAMBIUM NETWORKS LIM
DSC000065L043A	C000065L043A	NETWORK INDOOR UNIT (ONE PER END)	CAMBIUM NETWORKS LIM
DSC000065L044A	C000065L044A	NIDU - DC POWER CONNECTOR SPARE (10 PACK)	CAMBIUM NETWORKS LIM
DSC000070K003A	C000070K003A	PTP 700 PRECISE NETWORK TIMING SOFTWARE LICENSE - PER END	CAMBIUM NETWORKS LIM
DSC000070K004A	C000070K004A	PTP 700 GROUP ACCESS SOFTWARE LICENSE - PER END	CAMBIUM NETWORKS LIM
DSC000070K006A	C000070K006A	PTP 700 FIPS 140-2 UPGRADE INCLUDING 256-BIT AES - PER END	CAMBIUM NETWORKS LIM
DSC000070K007A	C000070K007A	PTP 700 UC APL UPGRADE (REQUIRES FIPS140-2) - PER END	CAMBIUM NETWORKS LIM
DSC000070K013A	C000070K013A	PTP 700 OVER-THE-AIR REKEY LICENSE - PER END	CAMBIUM NETWORKS LIM
DSC000070L010A	C000070L010A	AUTO-ALIGNING POSITIONER, QUICK DEPLOY	CAMBIUM NETWORKS LIM
DSC000081H002A	C000081H002A	PTP810 MMU MODEM MODULE	CAMBIUM NETWORKS LIM
DSC000082M001A	C000082M001A	PTP 820G, SINGLE MODEM, ETH ONLY	CAMBIUM NETWORKS LIM
DSC000082M004A	C000082M004A	PTP 820G, DUAL MODEM, ETH ONLY	CAMBIUM NETWORKS LIM
DSC000082M005A	C000082M005A	PTP 820G, DUAL MODEM, ETH + 16 E1/T1	CAMBIUM NETWORKS LIM
DSC000082M021B	C000082M021B	PTP 820G FIPS 140-READY, DUAL MODEM, ETH , 16 E1/T1	CAMBIUM NETWORKS LIM
DSC000082T010A	C000082T010A	PTP 820 NMS ADVANCED PACKAGE	CAMBIUM NETWORKS LIM
DSC009045A001A	C009045A001A	900 MHZ PMP 450I CONNECTORIZED ACCESS POINT	CAMBIUM NETWORKS LIM
DSC009045C001A	C009045C001A	900 MHZ PMP 450 CONNECTORIZED SUBSCRIBER MODULE	CAMBIUM NETWORKS LIM
DSC030045D901A	C030045D901A	PMP450 3.3-3.8GHZ 90 DEG SECTOR DUAL SLANT (OFDM) ANTENNA	CAMBIUM NETWORKS LIM
DSC036045A001A	C036045A001A	3.55-3.8 GHZ PMP 450 CONNECTORIZED ACCESS POINT	CAMBIUM NETWORKS LIM
DSC036045C002A	C036045C002A	3.55 - 3.8 GHZ PMP 450 SUBSCRIBER MODULE, 10 MBPS	CAMBIUM NETWORKS LIM

DSC036045C004A	C036045C004A	3.55-3.8 GHZ PMP 450 SUBSCRIBER MODULE, UNCAPPED	CAMBIUM NETWORKS LIM
DSC036045C006A	C036045C006A	3.55-3.8 GHZ PMP 450 CONNECTORIZED SUBSCRIBER MODULE, 10 MBPS	CAMBIUM NETWORKS LIM
DSC036045C008A	C036045C008A	3.55-3.8 GHZ PMP 450 CONNECTORIZED SUBSCRIBER MODULE, UNCAPPED	CAMBIUM NETWORKS LIM
DSC0431A4110	GEN CABLE C0431A.41.10	CABLE, 2C22 AWG POWER-LIMITD TRAY UNSHIELDED GRAY JACKET 1000FT REI	ANIXTER INC
DSC045070H004A	C045070H004A	PTP 700 CONNECTORIZED END - US LINE CORD (GLOBAL)	CAMBIUM NETWORKS LIM
DSC045070H005A	C045070H005A	PTP 700 CONNECTORIZED+INTEGRATED END - US LINE CORD (GLOBAL)	CAMBIUM NETWORKS LIM
DSC05000D0001A	C050000D0001A	CLIP (CASSEGRAIN LENS FOR IMPROVED PERFORMANCE)	CAMBIUM NETWORKS LIM
DSC050045A002A	C050045A002A	5 GHZ PMP 450I CONNECTORIZED ACCESS POINT (FCC)	CAMBIUM NETWORKS LIM
DSC050045A015A	C050045A015A	5 GHZ PMP 450I CONNECTORIZED ACCESS POINT (IC)	CAMBIUM NETWORKS LIM
DSC050045B003A	C050045B003A	5 GHZ PTP 450I END, CONNECTORIZED (FCC)	CAMBIUM NETWORKS LIM
DSC050045B004A	C050045B004A	5 GHZ PTP 450I END, INTEGRATED HIGH GAIN ANTENNA (FCC)	CAMBIUM NETWORKS LIM
DSC050045C001A	C050045C001A	5 GHZ PMP 450I CONNECTORIZED SUBSCRIBER MODULE	CAMBIUM NETWORKS LIM
DSC050045C002A	C050045C002A	5 GHZ PMP 450I SM, INTEGRATED HIGH GAIN ANTENNA	CAMBIUM NETWORKS LIM
DSC050065B029A	C050065B029A	PTP 650L (4.9 TO 6.05 GHZ) ODU (FCC)	CAMBIUM NETWORKS LIM
DSC050065H007A	C050065H007A	PTP 650 CONNECTORIZED END WITH AC SUPPLY (FCC/IC)	CAMBIUM NETWORKS LIM
DSC050065H008A	C050065H008A	PTP 650 CONNECTORIZED END WITH AC+DC ENHANCED SUPPLY (FCC/IC)	CAMBIUM NETWORKS LIM
DSC050065H009A	C050065H009A	PTP 650 INTEGRATED END WITH AC SUPPLY (FCC/IC)	CAMBIUM NETWORKS LIM
DSC050065H010A	C050065H010A	PTP 650 INTEGRATED END WITH AC+DC ENHANCED SUPPLY (FCC)	CAMBIUM NETWORKS LIM
DSC050065H012A	C050065H012A	PTP 650 CONNECTORIZED END WITH AC+DC ENHANCED SUPPLY (ROW ? EU)	CAMBIUM NETWORKS LIM
DSC050065H013A	C050065H013A	PTP 650 INTEGRATED END WITH AC SUPPLY (ROW)	CAMBIUM NETWORKS LIM
DSC050065H014A	C050065H014A	PTP 650 INTEGRATED END WITH AC+DC ENHANCED SUPPLY (ROW EU LINE COF	CAMBIUM NETWORKS LIM
DSC050065H023A	C050065H023A	PTP 650S END WITH AC+DC ENHANCED SUPPLY (FCC)	CAMBIUM NETWORKS LIM
DSC050065H031A	C050065H031A	PTP 650 CONNECTORIZED END WITH AC-DC ENHANCED SUPPLY (ROW - US COF	CAMBIUM NETWORKS LIM
DSC050065H033A	C050065H033A	PTP 650 INTEGRATED END WITH AC+DC ENHANCED SUPPLY (ROW - U.S. LINE C	CAMBIUM NETWORKS LIM
DSC050065H035A	C050065H035A	PTP 650L END WITH AC SUPPLY (FCC)	CAMBIUM NETWORKS LIM
DSC054045B005A	C054045B005A	PTP 450 5 GHZ END - INTEGRATED (FCC)	CAMBIUM NETWORKS LIM
DSC054045B006A	C054045B006A	PTP 450 5 GHZ END - CONNECTORIZED (FCC)	CAMBIUM NETWORKS LIM
DSC054045C003	C054045C003B	PMP 450 SUBSCRIBER MODULE 20 MBPS	CAMBIUM NETWORKS LIM
DSC054045C004	C054045C004B	PMP 450 SUBSCRIBER MODULE UNCAPPED THROUGHPUT	CAMBIUM NETWORKS LIM
DSC058082M001A	C058082M001A	PTP 820 RFU-A EXTENDED MODULATION, 5.8_6LGHZ	CAMBIUM NETWORKS LIM
DSC060082R085A	C060082R085A	PTP 820 RFU-C,6LGHZ,TR252A,CH1W4,HI,6181.74-6301.69MHZ	CAMBIUM NETWORKS LIM
DSC060082R086A	C060082R086A	PTP 820 RFU-C,6LGHZ,TR252A,CH1W4,LO,5929.7-6049.65MHZ	CAMBIUM NETWORKS LIM
DSC060082R089A	C060082R089A	PTP 820 RFU-C,6LGHZ,TR252A,CH5W8,HI,6300.34-6420.29MHZ	CAMBIUM NETWORKS LIM
DSC060082R090A	C060082R090A	PTP 820 RFU-C,6LGHZ,TR252A,CH5W8,LO,6048.3-6168.25MHZ	CAMBIUM NETWORKS LIM
DSC060082R105A	C060082R105A	PTP 820 RFU-C,6HGHZ,TR160A,CH1W6,HI,6707.5-6772.5MHZ	CAMBIUM NETWORKS LIM
DSC060082R106A	C060082R106A	PTP 820 RFU-C,6HGHZ,TR160A,CH1W6,LO,6537.5-6612.5MHZ	CAMBIUM NETWORKS LIM
DSC060082R126A	C060082R126A	PTP 820 RFU-C,6HGHZ,TR500A,CH1W4,LO,6420-6580MHZ	CAMBIUM NETWORKS LIM
DSC070082D318A	C070082D318A	6 FT HIGH PERF ANTENNA, SINGLE-POLARIZED, 7.125?8.500 GHZ, UBR84	CAMBIUM NETWORKS LIM
DSC070082R149A	C070082R149A	PTP 820 RFU-C,7GHZ,TR161C,CH4W5,HI,7668-7727MHZ	CAMBIUM NETWORKS LIM
DSC070082R150	C070082R150A	PTP 820 RFU-C,7GHZ,TR161C,CH4W5,LO,7507-7566MHZ	CAMBIUM NETWORKS LIM
DSC070082R261A	C070082R261A	PTP 820 RFU-C,7GHZ,TR300A,CH1W5,HI,7434.5-7585.5MHZ	CAMBIUM NETWORKS LIM
DSC070082R262A	C070082R262A	PTP 820 RFU-C,7GHZ,TR300A,CH1W5,LO,7134.5-7285.5MHZ	CAMBIUM NETWORKS LIM
DSC070082R263A	C070082R263A	PTP 820 RFU-C,7GHZ,TR300A,CH6W10,HI,7584.5-7765.5MHZ	CAMBIUM NETWORKS LIM
DSC070082R264A	C070082R264A	PTP 820 RFU-C,7GHZ,TR300A,CH6W10,LO,7284.5-7465.5MHZ	CAMBIUM NETWORKS LIM
DSC080082R125A	C080082R125A	PTP 820 RFU-C,6HGHZ,TR500A,CH1W4,HI,6920-7080MHZ	CAMBIUM NETWORKS LIM
DSC080082R127A	C080082R127A	PTP 820 RFU-C,8GHZ,TR300A,CH5W8,HI,8144.5-8265.5MHZ	CAMBIUM NETWORKS LIM
DSC080082R128A	C080082R128A	PTP 820 RFU-C,8GHZ,TR300A,CH5W8,LO,7844.5-7965.5MHZ	CAMBIUM NETWORKS LIM
DSC100082D049A	C100082D049A	4 FT ULTRA HIGH PERF ANTENNA, DUAL-POLARIZED, 10.700?11.700 GHZ CPR9C	CAMBIUM NETWORKS LIM
DSC100082D050A	C100082D050A	6 FT HIGH PERF ANTENNA, SINGLE-POLARIZED, 10.700?11.700 GHZ, CPR90G	CAMBIUM NETWORKS LIM
DSC10CPUSENAI6	C-10-CPUSE-N-AI6	10DB, AIR DIRECTIONAL COUPLER, 698-2700, N	COMMSCOPE TECHNOLOGI
DSC110082B001A	C110082B001A	PTP 820S RADIO 11GHZ,TR500,CH1W6,HI,11185-11485MHZ	CAMBIUM NETWORKS LIM
DSC110082B002A	C110082B002A	PTP 820S RADIO 11GHZ,TR500,CH1W6,LO,10695-10955MHZ	CAMBIUM NETWORKS LIM
DSC110082B013A	C110082B013A	PTP 820S RADIO 11GHZ,TR500,CH7W13,HI,11425-11725MHZ	CAMBIUM NETWORKS LIM
DSC110082B014A	C110082B014A	PTP 820S RADIO 11GHZ,TR500,CH7W13,LO,10915-11207MHZ	CAMBIUM NETWORKS LIM
DSC110082B029A	C110082B029A	PTP 820C RADIO 11GHZ,TR500,CH1W6,HI,11185-11485MHZ	CAMBIUM NETWORKS LIM
DSC110082B030A	C110082B030A	PTP 820C RADIO 11GHZ,TR500,CH1W6,LO,10695-10955MHZ	CAMBIUM NETWORKS LIM
DSC110082B041A	C110082B041A	PTP 820C RADIO 11GHZ,TR500,CH7W13,HI,11425-11725MHZ	CAMBIUM NETWORKS LIM
DSC110082B042A	C110082B042A	PTP 820C RADIO 11GHZ,TR500,CH7W13,LO,10915-11207MHZ	CAMBIUM NETWORKS LIM
DSC110082M069A	C110082M069A	PTP 820 RFU-A EXTENDED MODULATION, 11GHZ	CAMBIUM NETWORKS LIM
DSC110082R057A	C110082R057A	PTP 820 RFU-C,11GHZ,TR490,CHLZ,HI,11185-11485MHZ	CAMBIUM NETWORKS LIM
DSC110082R058A	C110082R058A	PTP 820 RFU-C,11GHZ,TR490,CHLZ,LO,10695-10955MHZ	CAMBIUM NETWORKS LIM
DSC110082R059A	C110082R059A	PTP 820 RFU-C,11GHZ,TR490,CHHZ,HI,11425-11725MHZ	CAMBIUM NETWORKS LIM
DSC110082R060A	C110082R060A	PTP 820 RFU-C,11GHZ,TR490,CHHZ,LO,10915-11207MHZ	CAMBIUM NETWORKS LIM
DSC137CNDG	C137CNDG	WR137 WAVEGUIDE TP COAX TRANSITION	COMMSCOPE TECHNOLOGI
DSC15CPUSENAI6	C-15-CPUSE-N-AI6	15DB,AIR DIRECTIONAL COUPLER, 698-2700, N	COMMSCOPE TECHNOLOGI
DSC180082B005A	C180082B005A	PTP 820S RADIO 18GHZ,TR1560,CHALL,HI,19259-19710MHZ	CAMBIUM NETWORKS LIM
DSC180082B006A	C180082B006A	PTP 820S RADIO 18GHZ,TR1560,CHALL,LO,17699-18150MHZ	CAMBIUM NETWORKS LIM
DSC180082B011A	C180082B011A	PTP 820S RADIO 18WGHZ,TR1560,CHALL,HI,19259-19710MHZ	CAMBIUM NETWORKS LIM
DSC180082B012A	C180082B012A	PTP 820S RADIO 18WGHZ,TR1560,CHALL,LO,17699-18150MHZ	CAMBIUM NETWORKS LIM
DSC180082R029A	C180082R029A	PTP 820 RFU-C,18GHZ,TR1560,CHF,HI,19259-19710MHZ	CAMBIUM NETWORKS LIM
DSC180082R030A	C180082R030A	PTP 820 RFU-C,18GHZ,TR1560,CHF,LO,17699-18150MHZ	CAMBIUM NETWORKS LIM

DSC20CPUSENAI6	C-20-CPUSE-N-AI6	20DB,AIR DIRECTIONAL COUPLER, 698-2700, N	COMMSCOPE TECHNOLOGI
DSC230082B003A	C230082B003A	PTP 820S RADIO 23GHZ,TR1200/1232,CHLOW,HI,22400-23020MHZ	CAMBIUM NETWORKS LIM
DSC230082B004A	C230082B004A	PTP 820S RADIO 23GHZ,TR1200/1232,CHLOW,LO,21200-21800MHZ	CAMBIUM NETWORKS LIM
DSC23F1MP	C23F-1MP	PANORAMA FME(F) MPL(M) 1M CS23 CABLE ANTENNA	PANORAMA ANTENNAS IN
DSC240NMNM6	C240-NMNM-6	CNT-240 CNT 6 FT JUMPER WITH INTERFACE TYPES N MALE AND N MALE	COMMSCOPE TECHNOLOGI
DSC30TCPUSEN	C-30-TCPUSE-N	30 DB, DIRECTIONAL COUPLER, 380-2700 MHZ	COMMSCOPE TECHNOLOGI
DSC321729INV1	C321729INV1	INVERTER, 250VA, 48VDC/120VAC	ELTEK INC
DSC32179INV1	C32179INV1	INVERTER, 250VA, 48VDC/120VAC	ELTEK INC
DSC331ST2SNFD1G10	SC331-ST2SNF(D01-G10)	COLLINEAR OMNI, 10 DBD, STRAIGHT RADOME, 1DEG DT, 410-430 MHZ	SINCLAIR TECHNOLOGIE
DSC332497SYS1	C332497SYS1	DC POWER SYSTEM, FP2 48V/1200A SEISMIC 2BD800, 23IN RACK MOUNT	ELTEK INC
DSC35	C35	BOGEN C35 AMPLIFIER 35 WATT	ANIXTER INC
DSC479HF1LDFE57651	SC479-HF1LDF(D001-E5765)	COLLINEAR OMNI, 9 DBD, NULL FILL, 746-869, LOW PIM,HD PIP RATED, INVRT	SINCLAIR TECHNOLOGIE
DSC6ABC51BL1000	C6ABC51-BL-1000	CAT6A SOLID PLENUM 1000 FT BLUE	BLACK BOX CORP
DSC6ABC51SBL1000	C6ABC51S-BL-1000	CAT6A 500-MHZ BULK CABLE ? F/UTP, PLENUM, SOLID, BLUE, 1000-FT.	BLACK BOX CORP
DSC6AFP70S24	C6AFP70S-24	CAT6A SHIELDED FEED-THROUGH PATCH PANEL, 24-PORT, 1U	BLACK BOX CORP
DSC6APC80SBL03	C6APC80S-BL-03	GIGATRUE 3 CAT6A PATCH CORD BLUE 3FT	BLACK BOX CORP
DSC6CPUSEN	C-6-CPUSE-N	C-6-CPUSE-N 6 DB COUPLER 698-2700 N	COMMSCOPE TECHNOLOGI
DSC6CPUSENAI6	C-6-CPUSE-N-AI6	6DB, AIR DIRECTIONAL COUPLER, 698?2700,N	COMMSCOPE TECHNOLOGI
DSC8CPUSEN	C-8-CPUSE-N	C-8-CPUSE-N 8 DB COUPLER 698-2700 N	COMMSCOPE TECHNOLOGI
DSC8CPUSENAI6	C-8-CPUSE-N-AI6	8 DB, AIR DIRECTIONAL COUPLER, 698?2700 MHZ	COMMSCOPE TECHNOLOGI
DSCA210203104	CA210203104	ALARM CABLE, 10 FT, 24AWG SOLID, AMP CON	ELTEK INC
DSCA210203105	CA210203105	ALARM CABLE,50FT ,24AWG SOLID,AMP CON	ELTEK INC
DSCA24	CA-24	CONN./WIRE ASSEMBLY, 24 IN.	NEWMAR
DSCA312181178	CA312181178	ALARM CABLE 10FT HM & JM SHELF ONLY	ELTEK INC
DSCALFB3550	CALFB3550	CALIBRATION CERTIFICATE AEROFLEX 3550R	AEROFLEX WICHITA INC
DSCALFB8800	CALFB8800	CALIBRATION CERTIFICATE - 8800	AEROFLEX WICHITA INC
DSCAM0000	CAM0000	CHANNEL ALARM MODULE PTT ACTIVATED 10 CHAN 4 EXT ALARM INPUTS, 9-3 RFI AMERICAS INC	RFI AMERICAS INC
DSCAM000048	CAM000048	CHANNEL ALARM MODULE PTT ACTIVATED 10 CHAN 4 EXT ALARM INPUTS 36-I RFI AMERICAS INC	RFI AMERICAS INC
DSCANFNF	CA-NFNF	ADAPTOR: STRAIGHT N FEMALE - N FEMALE	COMMSCOPE TECHNOLOGI
DSCATNMDF	CA-TNMDF	COAXIAL ADAPTOR (TRIMETAL)	COMMSCOPE TECHNOLOGI
DSCB22U	CB2-2U	(3.5HX7/8WX13D IN) 2-POST/ 2U CENTER MT CONVERSION BRACKET KIT-STEEL BLACK BOX CORP	BLACK BOX CORP
DSCB26	CB26	CB26, POWER PLENUM STRIP TOOL REPLACEMENT BLADE FOR OUTER CONDUITRILOGY COMMUNICATIO	TRIOLOGY COMMUNICATIO
DSCB2EU	CB2-3U	CENTER-MOUNT CONVERSION BRACKETS, 3U	BLACK BOX CORP
DSCB48	1101-511	SPD, 48VDC DISTRIBUTION POWER BUS PROTECTOR, SAD	TRANSECTOR SYSTEMS
DSCB6667	CB6667	CB6667, POWER PLENUM STRIP TOOL REPLACEMENT BLADE FOR JACKET STRIP TRILOGY COMMUNICATIO	TRIOLOGY COMMUNICATIO
DSCBB005M	CBB005M	BREAKER, 5 AMP 1P AUX BULLET MID-TRIP G1,CBB005M	ELTEK INC
DSCBB015E	CBB015E	CIRCUIT BREAKER, 15 AMP, E TRIP	ELTEK INC
DSCBB015M	CBB015M	BREAKER, 15 AMP 1P AUX BULLET MID-TRIP G1, CBB015M	ELTEK INC
DSCBB020E	CBB020E	CIRCUIT BREAKER, 20 AMP, E TRIP	ELTEK INC
DSCBB025E	CBB025E	CIRCUIT BREAKER, 25 AMP, E TRIP	ELTEK INC
DSCBB030E	CBB030E	CIRCUIT BREAKER, 30 AMP, E TRIP, BULLET	ELTEK INC
DSCBB040E	CBB040E	CIRCUIT BREAKER, 40 AMP, E-TRIP	ELTEK INC
DSCBB050E	CBB050E	CIRCUIT BREAKER, 50 AMP, E TRIP	ELTEK INC
DSCBB060E	CBB060E	CIRCUIT BREAKER, 60 AMP, E TRIP	ELTEK INC
DSCBB100E	CBB100E	CIRCUIT BREAKER, 100 AMP, E-TRIP	ELTEK INC
DSCBB100M	CBB100M	BREAKER, 100AMP 1P AUX BULLET MID-TRIP G1, CBB100M	ELTEK INC
DSCBB125E	CBB125E	CIRCUIT BREAKER KIT,125 AMP, E-TRIP	ELTEK INC
DSCBB175E	CBB175E	CIRCUIT BREAKER KIT,175 AMP, E-TRIP	ELTEK INC
DSCBB250E	CBB250E	CIRCUIT BREAKER KIT,250A-E WITH 3 POLE ADA	ELTEK INC
DSCBIS14.62572MOT	CBIS14.62572MOT	VERTICAL MOUNTED COPPER CONDUCTOR BUS BAR, 1/4 IN X 5/8 IN X 72 IN	HARGER INC
DSCBL6115FTS255	CBL-61-15FT-S255	15 FT EXTENSION CABLE FOR DUAL BAND 3X3 MIMO ANTENNA	PCTEL INC
DSCBLKF8EM20	CBL-KVF8/E&M/20	Megaplex E&M MODULE CABLE, 20 FT - DADP/RAD-113	RAD DATA COMMUNICATIO
DSCBUT401841	CBUT401841	48 PORT MODULAR PATCH PANEL.....48 4-WIRE RJ11 FEMALES ON THE FRONT	BLACK BOX CORP
DSCC38006	CC380-06	OMNI, CORPORATE COLLINEAR, 5 DBD, 380-420 MHZ, PIM RATED	RFI AMERICAS INC
DSCC38033	CC380-33	OMNI DUALCORPORATE COLLINEAR 2X3 DBD, 380-420MHZ PIM RATED	RFI AMERICAS INC
DSCC45006	CC450-06	OMNI, CORPORATE COLLINEAR, 5 DBD, 450-520 MHZ, PIM RATED	RFI AMERICAS INC
DSCC45006T3	CC450-06-T3	OMNI, CORPORATE COLLINEAR, 5 DBD, 450-520 MHZ, PIM RATED 3DT	RFI AMERICAS INC
DSCC45006T6	CC450-06-T6	OMNI, CORPORATE COLLINEAR, 5 DBD, 450-520 MHZ, PIM RATED 6DT	RFI AMERICAS INC
DSCC45009	CC450-09	OMNI, CORPORATE COLLINEAR, 8.5DBD, 450-520MHZ, PIM RATED	RFI AMERICAS INC
DSCC6	CC-6	CARRYING CASE FOR BIRD THRU LINE WATTMETERS	BIRD ELECTRONIC CORP
DSCC80703	CC807-03	OMNI, CORPORATE COLLINEAR, 3 DBD, 746-870 MHZ, PIM & 25 KW PIP RATED RFI AMERICAS INC	RFI AMERICAS INC
DSCC80706	CC807-06	OMNI, CORPORATE COLLINEAR, 6 DBD, 746-870 MHZ, PIM & 25 KW PIP RATED RFI AMERICAS INC	RFI AMERICAS INC
DSCC80708	CC807-08	OMNI, CORPORATE COLLINEAR, 8 DBD, 746-870 MHZ, PIM & 25 KW PIP RATED RFI AMERICAS INC	RFI AMERICAS INC
DSCC80708INVTS	CC807-08-INV-TS	8DB GAIN OMNI, 5 DEG DT 500W, 25KW PIP, -150DBC PIM, 746-870MHZ,INVEF RFI AMERICAS INC	RFI AMERICAS INC
DSCC80708T1	CC807-08-T1	OMNI, CORP COLLINEAR, 8DBD, 746-870MHZ, 1DEG DT, PIM, 25KW PIP RATED RFI AMERICAS INC	RFI AMERICAS INC
DSCC80708T3	CC807-08-T3	OMNI CORPORATE COLLINEAR 8DBD 746-870MHZ 3 DEG DT PIM & 25KW PIP RFI AMERICAS INC	RFI AMERICAS INC
DSCC80708T5	CC807-08-T5	OMNI, CORP COLLINEAR, 8 DBD, 746-870MHZ, 5DEG DT, PIM & 25KW PIP RATE RFI AMERICAS INC	RFI AMERICAS INC
DSCC80711	CC807-11	OMNI, CORPORATE COLLINEAR, 10.5DBD, 746-870MHZ, PIM & 25KW PIP RATE RFI AMERICAS INC	RFI AMERICAS INC
DSCC80711INVTS	CC807-11-INV-TS	OMNI, CORP COLLINEAR, 10.5DB, 746-870MHZ, INVERTD, 5DT, PIM, PIP RATED RFI AMERICAS INC	RFI AMERICAS INC
DSCC80711T1	CC807-11T1	OMNI, CORP COLLINEAR, 10.5DBD, 746-870MHZ, 1DT, PIM, 25KW PIP RATED RFI AMERICAS INC	RFI AMERICAS INC
DSCC80711T3	CC807-11T3	OMNI, CORP COLLINEAR, 10.5DB, 746-870MHZ, 3DEG DT, PIM, 25KW PIP RATE RFI AMERICAS INC	RFI AMERICAS INC

DSCC80711T5	CC807-11T5	OMNI, CORP COLLINEAR, 10.5DB, 746-870MHZ, 5DT, PIM & 25KW PIP RATED	RFI AMERICAS INC
DSCCF0008981	CCF0008981 / QUOTE # Q136854	440 FT OF SC TO SC, 24-STRAAND, SINGLE-MODE FIBER, OUTDOOR RATED, LOSS	BLACK BOX CORP
DSCGXZ36NFNFA	POLYPHASER CGXZ+36NFNFA	COAXIAL PROTECTOR - 400-1200MHZ +36 VOLT	TRANSTECTOR SYSTEMS
DSCGXZ36NMNFA	POLYPHASER CGXZ+36NMNFA-A	RF SPD, 400-1200MHZ HYBRID +36 VDC PASS NM ANTENNA, NF EQUIPMENT	TRANSTECTOR SYSTEMS
DSCHRG8100	CHRG8100	DESKTOP CHARGER FOR R8100 BATTERY	FREEDOM COMMUNICATIO
DSCJ0224R1BATDISC1	CJ0224R1BATDISC1	DCV400-48-400-M-DDM85-27 4X6 400 AMP BATTERY MOUNT DISCONNECT	ELTEK INC
DSCK4IANLVC	CK4I-ANL-VC	COMPACT POWER SHELF / REAR WIRE 125 AMP MAX, K4 SF, 1 AC, -48V, LB, C1	ELTEK INC
DSCLO00N	CL1000N	ATEN CL1000N KVM CONSOLE 19IN	CDW DIRECT LLC
DSCCLAMP002B	CLAMP002B	CLAMP: PIPE (2.38IN DIAMETER) TO FLAT SURFACE	SINCLAIR TECHNOLOGIE
DSCCLAMP006B	CLAMP006B	CLAMP 2.37"-4.50" PARALLEL 2.37"-4.50", NEED 2 FOR EACH UNIT	SINCLAIR TECHNOLOGIE
DSCCLAMP006C	CLAMP006C	SINGLE CLAMP FOR SC281/SC381ANTENNA (2 REQUIRED PER ANTENNA)	SINCLAIR TECHNOLOGIE
DSCCLAMP015	CLAMP015	MOUNTING HARDWARE	SINCLAIR TECHNOLOGIE
DSCCLAMP017	CLAMP017	CARBON STEEL, HOT DIP GALVANIZED PIPE1 (1.5-3.5") TO PIPE 2 (1.5-3.5")	SINCLAIR TECHNOLOGIE
DSCCLAMP035	CLAMP035	CLAMP: PIPE (1.5-3.5IN DIAMETER) TO ANGLE (2-4IN). 60 DEGREES	SINCLAIR TECHNOLOGIE
DSCCLAMP130	CLAMP130	ALUMINUM 1.5-2.88 IN DIAMETER 1.5-2.88 IN DIAMETER	SINCLAIR TECHNOLOGIE
DSCCLAMP134HD	CLAMP134HD	CARBON STEEL, HD, HOT DIP GALVANIZED 1.5 - 3.5IN TO DIAMETER 3.5-6.6IN	SINCLAIR TECHNOLOGIE
DSCCLAMP135	CLAMP135	CARBON STEEL PIPE 1 1.5IN OR 3/4IN & 0.84IN DIAMETER PIPE 2 1.5-2.38	SINCLAIR TECHNOLOGIE
DSCCLAMP191	CLAMP191	CLAMP: DT KIT FOR SP304V, 1.5-2.88 OD PIPE TO PIPE 0-12 DEG. MECH. DT	SINCLAIR TECHNOLOGIE
DSCCLC114M	CLC#114M	CLC#114M, RADIATING CABLE FIRE SAFETY METAL COLLAR HANGER FOR 1-1/4	TRILOGY COMMUNICATIO
DSCCLC114P	CLC#114P	CLC#114P, PLASTIC RADIATING CABLE HANGER FOR 1-1/4" AIRCELL COAX	TRILOGY COMMUNICATIO
DSCCLC15	CLC#15	CLC#15, PLASTIC SELF-LOCKING HANGERS FOR 1/2" AIRCELL COAX,PKG OF 100	TRILOGY COMMUNICATIO
DSCCLC158M	CLC#158M	CLC#158M, RADIATING CABLE FIRE SAFETY METAL COLLAR HANGER FOR 1-5/8	TRILOGY COMMUNICATIO
DSCCLC158P	CLC#158P	CLC#158P, PLASTIC RADIATING CABLE HANGER FOR 1-5/8" AIRCELL COAX	TRILOGY COMMUNICATIO
DSCCLC28	CLC#28	CLC#28, PLASTIC SELF-LOCKING HANGERS FOR 7/8" AIRCELL COAX, PKG OF 50	TRILOGY COMMUNICATIO
DSCCLC40	CLC#40	CLC#40, PLASTIC SELF-LOCKING HANGERS FOR 1-1/4" AIRCELL COAX,PKG OF 25	TRILOGY COMMUNICATIO
DSCCLC51	CLC#51	CLC#51, PLASTIC SELF-LOCKING HANGERS FOR 1-5/8" AIRCELL COAX,PKG OF 25	TRILOGY COMMUNICATIO
DSCCLC78M	CLC#78M	CLC#78M, RADIATING CABLE FIRE SAFETY METAL COLLAR HANGER FOR 7/8	TRILOGY COMMUNICATIO
DSCCLC78P	CLC#78P	CLC#78P, PLASTIC RADIATING CABLE HANGER FOR 7/8" AIRCELL COAX	TRILOGY COMMUNICATIO
DSCCLCLT101	CLC#LT101	CLC#LT101, FLANGE INSERTS INTO HANGER SLOT. USE 1/4-20 STUD ROD, PKG 11	TRILOGY COMMUNICATIO
DSCCLCLT45	CLC#LT45	CLC#LT45, PLASTIC STANDOFF POSTS W/ 1-5/8" LENGTH(2" STANDOFF), PKG OF 11	TRILOGY COMMUNICATIO
DSCCLMSG114	CLC#MSG114	CLC#MSG114, PLASTIC RADIATING CABLE MESSENGER WIRE HANGER FOR 1-1/2	TRILOGY COMMUNICATIO
DSCCLMSG158	CLC#MSG158	CLC#MSG158, PLASTIC RADIATING CABLE MESSENGER WIRE HANGER FOR 1-5/8	TRILOGY COMMUNICATIO
DSCCLMSG78	CLC#MSG78	CLC#MSG78, PLASTIC RADIATING CABLE MESSENGER WIRE HANGER FOR 7/8	TRILOGY COMMUNICATIO
DSCCLCSS	CLC#55	CLC#55, PLASTIC 2" STAND-OFF SPACER AND WALL ANCHOR WITH SCREW	TRILOGY COMMUNICATIO
DSCCLSSM	CLC#55M	CLC#55M, METAL 2" STAND-OFF SPACER AND WALL ANCHOR WITH 8MM HOLE	TRILOGY COMMUNICATIO
DSCCM02524BKT3	CM-02524BKT-3	BERK-TEK 10032396 24-25P UTP-CMP SOL BC CAT 3 PVC/PVC GREY JACKET REE	ANIXTER INC
DSCCM605B	CM-605-B	CHAIN MOUNT BASE KIT, 16 FT CHAIN	COMMSCOPE TECHNOLOGI
DSCCMH6063	CM-H60-63	CM-H60-63, HEAVY DUTY CHAIN MOUNT KIT, 16 FT CHAIN, INCLUDES PIPE	COMMSCOPE TECHNOLOGI
DSCCMP02524BKT3	CMP-02524BKT-3	BERK-TEK 10032111 24-25P UTP-CMP SOL BC CAT 3, PS BACKBONE FEP/FRPVC,	ANIXTER INC
DSCMPH1	CMPH1	PANDUIT HORIZ PANEL D-RINGS FR AND BK 1 RU 1.71NH X 19INW X 8.6IND	ANIXTER INC
DSCMVDR1	CMVDR1	PANDUIT CABLE MGMT VERTICAL D-RING 1IN W EIA/TIA HOLE SPACING BLACK	ANIXTER INC
DSCMVDR2	CMVDR2	PANDUIT CABLE MGMT VERTICAL D-RING 2.4IN W X 4.8 IN DEEP BLACK	ANIXTER INC
DSCNT240500	CNT-240-500	.240" BRAIDED STD CBL 500 FT	COMMSCOPE TECHNOLOGI
DSCNT4001000	CNT-400-1000.	CBL BRAIDED STD OUTDOOR 1000 FT	COMMSCOPE TECHNOLOGI
DSCNT400500	CNT-400-500	MINIMUM 500 FEET, CNT-400 BRAIDED COAXIAL CABLE 500 FT (ON REEL)	COMMSCOPE TECHNOLOGI
DSCNT400P	CNT-400-P	CNT-400-P CNT-400 PLENUM RATED LOW PIM WHITE PVC JKT PER FT	COMMSCOPE TECHNOLOGI
DSCNT600500	CNT-600-500	.590IN CBL BRAIDED STD OUTDOOR 500 FT	COMMSCOPE TECHNOLOGI
DSCNT600FR	CNT-600-FR 500FT	.600 INCH 500HM BRAID CBL FIRE RETARDANT 500FT REEL	COMMSCOPE TECHNOLOGI
DSCOD30	COD30	VERTICAL ENCLOSED DIPOLE ANTENNA, UNITY GAIN, 30-50 MHZ, 1%BW	RFI AMERICAS INC
DSCOD44047	COD4-4047	VERTICAL ENCLOSED DIPOLE ANTENNA, UNITY GAIN, 400-470 MHZ	RFI AMERICAS INC
DSCOD465	COD4-65	VERTICAL ENCLOSED DIPOLE ANTENNA, UNITY GAIN, 400-420 MHZ	RFI AMERICAS INC
DSCOD470	COD4-70	VERTICAL ENCLOSED DIPOLE ANTENNA, UNITY GAIN, 450-470 MHZ	RFI AMERICAS INC
DSCOD471	COD4-71	VERTICAL ENCLOSED DIPOLE ANTENNA, UNITY GAIN, 470-490 MHZ	RFI AMERICAS INC
DSCOD472	COD4-72	VERTICAL ENCLOSED DIPOLE ANTENNA, UNITY GAIN, 500-520 MHZ	RFI AMERICAS INC
DSCOD499	COD4-99	VERTICAL ENCLOSED DIPOLE ANTENNA, UNITY GAIN, 375-520 MHZ, 4% BW	RFI AMERICAS INC
DSCOL17	COL17	VERTICAL COLLINEAR ANTENNA, 3 DBD GAIN, 144-174 MHZ, 4% BW	RFI AMERICAS INC
DSCOL41058	COL410-58	OMNI, MEANDER COLLINEAR, 9DBD, 380-400MHZ, PIM RATED	RFI AMERICAS INC
DSCOL41065	COL410-65	OMNI, MEANDER COLLINEAR, 9DBD, 400-420MHZ, PIM RATED	RFI AMERICAS INC
DSCOL41070	COL410-70	OMNI, MEANDER COLLINEAR, 9 DBD, 450-470 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL41071	COL410-71	OMNI, MEANDER COLLINEAR, 9 DBD, 470-490 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL41072	COL410-72	OMNI, MEANDER COLLINEAR, 9 DBD, 490-520 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL4166	COL41-66	OMNI, UHF MEANDER COLLINEAR, 0 DBD, 400-430MHZ, PIM RATED	RFI AMERICAS INC
DSCOL4170	COL41-70	OMNI, MEANDER COLLINEAR, 0 DBD, 450-470 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL4171	COL41-71	OMNI, MEANDER COLLINEAR, 0 DBD, 470-490 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL4358	COL43-58	OMNI, MEANDER COLLINEAR, 5DBD, 380-400MHZ, PIM RATED	RFI AMERICAS INC
DSCOL4365	COL43-65	OMNI, MEANDER COLLINEAR, 5DBD, 400-420MHZ, PIM RATED	RFI AMERICAS INC
DSCOL4366	COL43-66	OMNI, MEANDER COLLINEAR, 5DBD, 410-430MHZ, PIM RATED	RFI AMERICAS INC
DSCOL4370	COL43-70	OMNI, MEANDER COLLINEAR, 5 DBD, 450-470 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL4372	COL43-72	OMNI, MEANDER COLLINEAR, 5 DBD, 490-520MHZ, PIM RATED	RFI AMERICAS INC
DSCOL4558	COL45-58	OMNI, MEANDER COLLINEAR, 7 DBD, 380-400 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL4565	COL45-65	OMNI, MEANDER COLLINEAR, 7 DBD, 400-420 MHZ, PIM RATED	RFI AMERICAS INC

DSCOL4570	COL45-70	OMNI, MEANDER COLLINEAR, 7 DBD, 450-470MHZ PIM RATED	RFI AMERICAS INC
DSCOL4571	COL45-71	OMNI, MEANDER COLLINEAR, 7 DBD, 470-490MHZ PIM RATED	RFI AMERICAS INC
DSCOL4572	COL45-72	OMNI, MEANDER COLLINEAR, 7 DBD, 490-520 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL51160	COL51-160	OMNI, RUGGED MENDER COLLINEAR, 0 DBD, 150-160 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL51174	COL51-174	OMNI, RUGGED MEANDER COLLINEAR, 0DBD, 162-174MHZ, PIM RATED	RFI AMERICAS INC
DSCOL53140	COL53-140	OMNI, MEANDER COLLINEAR, 4 DBD, 130-140 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL53150	COL53-150	OMNI, MEANDER COLLINEAR, 4 DBD, 140-150 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL53160	COL53-160	OMNI, MEANDER COLLINEAR, 4 DBD, 150-160 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL53174	COL53-174	OMNI, MEANDER COLLINEAR, 4 DBD, 160-174 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL54155	COL54-155	OMNI, MEANDER COLLINEAR, 6.0 DBD, 145-155 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL54160	COL54-160	OMNI, MEANDER COLLINEAR, 6.0 DBD, 150-160 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL54166	COL54-166	OMNI, MEANDER COLLINEAR, 6.0 DBD, 156-166 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL54174	COL54-174	OMNI, MEANDER COLLINEAR, 6 DBD, 162-174 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL7	COL7	VERTICAL COLLINEAR ANTENNA, 3DBD GAIN, 380-530MHZ, 4%BW	RFI AMERICAS INC
DSCOL811806	COL811-806	OMNI, MEANDER COLLINEAR, 9 DBD, 748-806 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL811824	COL811-824	OMNI, MEANDER COLLINEAR, 9 DBD, 796-824 MHZ, PIM RATED, 7/16 DIN	RFI AMERICAS INC
DSCOL811870	COL811-870	OMNI, MEANDER COLLINEAR, 9 DBD, 806-870 MHZ PIM RATED	RFI AMERICAS INC
DSCOL811930	COL811-930	OMNI, MEANDER COLLINEAR, 9 DBD, 850-930 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL85806	COL85-806	OMNI, MEANDER COLLINEAR, 7 DBD, 748-806 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL85870	COL85-870	OMNI, MEANDER COLLINEAR, 7 DBD, 806-870 MHZ, PIM RATED	RFI AMERICAS INC
DSCOL85930	COL85-930	OMNI, MEANDER COLLINEAR, 7 DBD, 850-930 MHZ, PIM RATED	RFI AMERICAS INC
DSCOLBRACE50	COLBRACE-50	STABILIZER ARM FOR COL53/54 ANTENNA SERIES	RFI AMERICAS INC
DSCONTROLMOD	NSCMOD	CONTROL MODULE FOR LIEBERT INFINITY	CELL MANAGEMENT SYST
DSCONVTRTRMMLCSC	CONVTRTR-MM/LC-SC	FIBER OPTIC CONVERTER, MULTIMODE, LC MALE-SC FEMALE	RAD DATA COMMUNICATI
DSCP00737	CP00737	TTA03, 806-824 MHZ TTA MUST BE USED W RMC05 PART NUMBERS	COMBILENT USA INC
DSCP00738	CP00738	TTA03, 896-902 MHZ TTA MUST BE USED W RMC05 PART NUMBERS	COMBILENT USA INC
DSCP00743	CP00743	TTA01 796-824 MHZ TTA MUST BE USED W RMC01 OR RMC03 PART NUMBERS	COMBILENT USA INC
DSCP00919	CP00919	RMC01 796-824 MHZ AC ETH INTERFACE RMC, MUST BE USED W DSCP100743	COMBILENT USA INC
DSCP00922	CP00922	RMC01 793-824 MHZ, ETH, AC, 8 CH, MUST BE USED W DSCP100743	COMBILENT USA INC
DSCP00923	CP00923	RMC01 796-824 MHZ DC ETH INTERFACE RMC, MUST BE USED W DSCP100743	COMBILENT USA INC
DSCP00924	CP00924	RMC01 793-824 MHZ, ETH, DC, 8 CH, MUST BE USED W DSCP100743	COMBILENT USA INC
DSCP00925	CP00925	RMC03 796-824 MHZ AC ETH INTERFACE RMC, MUST BE USED W DSCP100743	COMBILENT USA INC
DSCP00926	CP00926	RMC03 796-824 MHZ DC, ETH INTERFACE RMC, MUST BE USED W DSCP100743	COMBILENT USA INC
DSCP00941	CP00941	RMC05, 806-824 MHZ, AC ETH INTERFACE RMC, MUST BE USED W DSCP00737	COMBILENT USA INC
DSCP00942	CP00942	RMC05, 806-824 MHZ DC ETH INTERFACE RMC, MUST BE USED W DSCP00737	COMBILENT USA INC
DSCP00943	CP00943	RMC05, 896-902 MHZ AC ETH INTERFACE RMC MUST BE USED W DSCP00738	COMBILENT USA INC
DSCP00944	CP00944	RMC05, 896-902 MHZ DC ETH INTERFACE RMC MUST BE USED W DSCP00738	COMBILENT USA INC
DSCP01001	CP01001	DUPLEX01B 2CH UHF	COMBILENT USA INC
DSCP01009	CP01009	DUPLEX05 2CH 900MHZ	COMBILENT USA INC
DSCP01010	CP01010	DUPLEXER 02B 1 CHANNEL UHF	COMBILENT USA INC
DSCP01011	CP01011	DUPLEXER 06 1 CHANNEL 900 MHZ	COMBILENT USA INC
DSCP10725TUNED	CP10725TUNED	UHF MOBILE DUPLEXER 406-500 MHZ	COMBILENT USA INC
DSCP10725UNTUNED	CP10725UNTUNED	UHF MOBILE DUPLEXER 406-500 MHZ	COMBILENT USA INC
DSCP10733	CP10733	COMPACT DUPLEXER 410-430 MHZ VINYL COATED HIGH ISOLATION PASS-REJEI	COMBILENT USA INC
DSCP10734	CP10734	COMPACT DUPLEXER 430-480 MHZ VINYL COATED HIGH ISOLATION PASS-REJEI	COMBILENT USA INC
DSCP10735	CP10735	COMPACT DUPLEXER 480-527 MHZ VINYL COATED HIGH ISOLATION PASS-REJEI	COMBILENT USA INC
DSCP11139	CP11139	8-PORT RMC EXPANSION 806-902 MHZ	COMBILENT USA INC
DSCP11143	CP11143	16 WAY EXPANSION FOR RMC01	COMBILENT USA INC
DSCP2278	1100-592-1	SPD, RJ-11 CONNECTED FOR DIAL-UP, POTS, FAX, MODEM LINES	TRANSTECTOR SYSTEMS
DSCP2372	1101-084	SPD 120VAC 5-15 PLUG DPLX 5-15 (NON UL 3RD EDITION LISTED)	TRANSTECTOR SYSTEMS
DSCP27U13NA3S	CP27U13NA3-S	POWERSHIELD 27W DC UPS 13V OUT, FLOATING 3-CONDUCTOR NAM	ANIXTER INC
DSCPT12U	CPT-12U	CPT-12U AUTOMATED CABLE PREPARATION TOOL FOR 1/2IN COAX CABLE	COMMSCOPE TECHNOLOGI
DSCPT158U	CPT-158U	CPT-158U UNIVERSAL AUTOMATED PREP TOOL 1 58IN CBL	COMMSCOPE TECHNOLOGI
DSCPTBK51	CPT-BK51	REPLACEMENT BLADE KIT FOR ANDREW AUTOMATED CABLE PREP TOOLS	COMMSCOPE TECHNOLOGI
DSCPTF4B	CPT-F4B	AUTOMATED CABLE PREPARATION TOOL FOR 1/2INCH FSJ4	COMMSCOPE TECHNOLOGI
DSCPX10001269	1000-1269	T1/E1 MODULE ONLY FOR CPX, UL LISTED, FUSED	TRANSTECTOR SYSTEMS
DSCPX10001270	1000-1270	GIGE MODULE ONLY FOR CPX, UL LISTED, FUSED	TRANSTECTOR SYSTEMS
DSCPX1101977	1101-977	SPD, EIGHT PORT, SCALABLE, RACK MOUNT, CARRIER GRADE, ETHERNET, UL 45	TRANSTECTOR SYSTEMS
DSCPX1101984	1101-984	SPD, RJ-45 CONN (16) LINE 10/100BT ETHERNET 11VPL PINS (1,2) & (3,6)	TRANSTECTOR SYSTEMS
DSCPX1101985	1101-985	SPD, RJ-45 CONNECTED (16) LINE GIGE ETHERNET, 11VPL ON ALL PINS	TRANSTECTOR SYSTEMS
DSCPX1101986	1101-986	SPD, RJ-45 CONNECTED (16) LINE T1/E1, 11VPL ON PINS (1,2) & (4,5)	TRANSTECTOR SYSTEMS
DSCPX1101987	1101-987	SPD, 8 PORT POPULATED ETHERNET 10/100, FUSED UL LISTED, EXPANDABLE	TRANSTECTOR SYSTEMS
DSCPX1101989	1101-989	8 PORT POPULATED T1 OR E1, FUSED UL LISTED, EXPANDABLE	TRANSTECTOR SYSTEMS
DSCS0496040531	CS0496-0405-31	SHORT HAUL CONTROL STATION COMBINER, 40-960 MHZ 4 CH.	RFI AMERICAS INC
DSCS0496080531	CS0496-0805-31	SHORT HAUL CONTROL STATION COMBINER, 40-960 MHZ 8 CH.	RFI AMERICAS INC
DSCS0496160531	CS0496-1605-31	SHORT HAUL CONTROL STATION COMBINER, 40-960 MHZ 16 CH.	RFI AMERICAS INC
DSCS0496240531	CS0496-2405-31	SHORT HAUL CONTROL STATION COMBINER, 40-960 MHZ 24 CH.	RFI AMERICAS INC
DSCS0496320531	CS0496-3205-31	SHORT HAUL CONTROL STATION COMBINER, 40-960 MHZ 32 CH.	RFI AMERICAS INC
DSCS13150405SN	CS1315-0405-SN	HYBRID CONTROL STATION COMBINER, 132-150 MHZ 4 CH.	RFI AMERICAS INC
DSCS13150805SN	CS1315-0805-SN	HYBRID CONTROL STATION COMBINER, 132-150 MHZ 8 CH.	RFI AMERICAS INC
DSCS13151205SN	CS1315-1205-SN	HYBRID CONTROL STATION COMBINER, 132-150 MHZ 12 CH.	RFI AMERICAS INC

DSCS15170405SN	CS1517-0405-SN	HYBRID CONTROL STATION COMBINER, 150-174 MHZ 4 CH.	RFI AMERICAS INC
DSCS15170805SN	CS1517-0805-SN	HYBRID CONTROL STATION COMBINER, 150-174 MHZ 8 CH.	RFI AMERICAS INC
DSCS15171205SN	CS1517-1205-SN	HYBRID CONTROL STATION COMBINER, 150-174 MHZ 12 CH.	RFI AMERICAS INC
DSCS15171605SN	CS1517-1605-SN	HYBRID CONTROL STATION COMBINER, 150-174 MHZ 16 CH.	RFI AMERICAS INC
DSCS38450405SN	CS3845-0405-SN	HYBRID CONTROL STATION COMBINER, 380-450 MHZ 4 CH.	RFI AMERICAS INC
DSCS38450805SN	CS3845-0805-SN	HYBRID CONTROL STATION COMBINER, 380-450 MHZ 8 CH.	RFI AMERICAS INC
DSCS38451205SN	CS3845-1205-SN	HYBRID CONTROL STATION COMBINER, 380-450 MHZ 12 CH.	RFI AMERICAS INC
DSCS38451605SN	CS3845-1605-SN	HYBRID CONTROL STATION COMBINER, 380-450 MHZ 16 CH.	RFI AMERICAS INC
DSCS45520405SN	CS4552-0405-SN	HYBRID CONTROL STATION COMBINER, 450-520 MHZ 4 CH.	RFI AMERICAS INC
DSCS45520805SN	CS4552-0805-SN	HYBRID CONTROL STATION COMBINER, 450-520 MHZ 8 CH.	RFI AMERICAS INC
DSCS45521205SN	CS4552-1205-SN	HYBRID CONTROL STATION COMBINER, 450-520 MHZ 12 CH.	RFI AMERICAS INC
DSCS45521605SN	CS4552-1605-SN	HYBRID CONTROL STATION COMBINER, 450-520 MHZ 16 CH.	RFI AMERICAS INC
DSCS45523205SN	CS4552-3205-SN	HYBRID CONTROL STATION COMBINER, 450-520 MHZ 32 CH.	RFI AMERICAS INC
DSCS46B	CS46B	1/4-20 X 3/4 HHCS BRONZE	HARGER INC
DSCS74860405SN	CS7486-0405-SN	HYBRID CONTROL STATION COMBINER, 746-869 MHZ 4 CH.	RFI AMERICAS INC
DSCS74860805SN	CS7486-0805-SN	HYBRID CONTROL STATION COMBINER, 746-869 MHZ 8 CH.	RFI AMERICAS INC
DSCS74861205SN	CS7486-1205-SN	HYBRID CONTROL STATION COMBINER, 746-869 MHZ 12 CH.	RFI AMERICAS INC
DSCS74861605SN	CS7486-1605-SN	HYBRID CONTROL STATION COMBINER, 746-869 MHZ 16 CH.	RFI AMERICAS INC
DSCS74862405SN	CS7486-2405-SN	HYBRID CONTROL STATION COMBINER, 746-869 MHZ 24 CH.	RFI AMERICAS INC
DSCS74863205SN	CS7486-3205-SN	HYBRID CONTROL STATION COMBINER, 746-869 MHZ 32 CH.	RFI AMERICAS INC
DSCS89960805SN	CS8996-0805-SN	HYBRID CONTROL STATION COMBINER, 890-960 MHZ, 8 CHANNEL	RFI AMERICAS INC
DSCS89961205SN	CS8996-1205-SN	HYBRID CONTROL STATION COMBINER, 890-960 MHZ, 12 CHANNEL	RFI AMERICAS INC
DSCS89961605SN	CS8996-1605-SN	HYBRID CONTROL STATION COMBINER, 890-960 MHZ, 16 CHANNEL	RFI AMERICAS INC
DSCSA1041DIN	CSA10-41-DIN	DIRECTIONAL DIPOLE ARRAY, 7DBD, 64 DEG BW, 148-174 MHZ, PIM RATED	RFI AMERICAS INC
DSCSA1067DIN	CSA10-67-DIN	DIRECTIONAL DIPOLE ARRAY, 7DBD, 70 DEG BW, 406-512 MHZ, PIM RATED	RFI AMERICAS INC
DSCSA2041DIN	CSA20-41-DIN	DIRECTIONAL DIPOLE ARRAY, 9 DBD, 62 DEG BW, 148-174 MHZ, PIM RATED	RFI AMERICAS INC
DSCSA2067DIN	CSA20-67-DIN	DIRECTIONAL DIPOLE ARRAY, 9 DBD, 60 DEG BW, 406-512 MHZ, PIM RATED	RFI AMERICAS INC
DSCSA4067DIN	CSA40-67-DIN	DIRECTIONAL DIPOLE ARRAY, 11 DBD, 60 DEG BW, 406-512 MHZ, PIM RATED	RFI AMERICAS INC
DSCSG1212B2U	CSG12-12B2U	CSG12-12B2U, 1/2 INCH COMPACT SUREGROUND KIT	COMMSCOPE TECHNOLOGI
DSCSG7806B1A	CSG78-06B1A	UNIVERSAL COMPACT SUREGROUND GRD KIT FOR 7/8 IN COAX CABLES	COMMSCOPE TECHNOLOGI
DSCSG7812B2U	CSG78-12B2U	CSG78-12B2U, 7/8 INCH COMPACT SUREGROUND KIT	COMMSCOPE TECHNOLOGI
DSCSL41058	CSL410-58	OMNI, MEANDER COLLINEAR, 9DBD, 380-400MHZ, PIM RATED, CUSTOM	RFI AMERICAS INC
DSCT01250AIO2	CT01250AIO-2	CT01250AIO-2, PREP TOOL FOR 1/2" CABLE, 50 OHM	TRILOGY COMMUNICATIO
DSCT07850AIO2	CT07850AIO-2	CT07850AIO-2, PREP TOOL FOR 7/8" CABLE, 50 OHM	TRILOGY COMMUNICATIO
DSCT11450P	CT11450P	CT11450P, POWER PREP TOOL FOR 1-1/4" CABLE	TRILOGY COMMUNICATIO
DSCT15850P	CT15850P	CT15850P, POWER PREP TOOL FOR 1-5/8 INCH CABLE	TRILOGY COMMUNICATIO
DSCT7812	CT-7812	COMBINATION TOOL ASSEMBLY FOR 1/2 IN AND 7/8 IN COAXIAL CABLE	COMMSCOPE TECHNOLOGI
DSCTOS0201001	CTOS0201.001	FLATPACK S POWER SYSTEM 48V 2KW 230VAC BD	ELTEK INC
DSCTOS0201002	CTOS0201.002	DC POWER SYSTEM FLATPACK S, 48V 2KW 230VAC BD	ELTEK INC
DSCW36B	GB QUOTE 0226835547	SILCONE WEATHERPROOFING G TAPE BLACK 36 FEET	GRAYBAR ELECTRIC CO
DSD00001018	D00001.018	DC MCB DISTRIBUTION 1U 12 WAY 19 INCH 12XCB(B) 1 INPUT	ELTEK INC
DSDAS3827SOCN	DAS3827-SOC-N	UHF/LTE DAS OMNI CEILING ANTENNA 380-470MHZ & 698-2700MHZ, PIM RAT RFI AMERICAS INC	RFI AMERICAS INC
DSDB30014A	DB3001-4A	DB3001-4A, 160-174 MHZ BANDPASS / BAND REJECT FILTER	DBSPECTRA
DSDB3176A	DB3176-A	DB3176-A, 406-420 MHZ TX OR RX WINDOW BANDPASS FILTER, 4MHZ BANDW	DBSPECTRA
DSDB3176C	DB3176-C	DB3176-C, 450-470 MHZ TX OR RX WINDOW BANDPASS FILTER, 4MHZ BANDW	DBSPECTRA
DSDB3176CD	DB3176-CD	DB3176-CD, 450-470MHZ TX OR RX WINDOW FILTER, 4MHZ PASSBAND 7/16 DI	DBSPECTRA
DSDB365OS	DB365-OS	MOUNTING CLAMP KIT. FITS ROUND MEMBER UP TO 3 1/2" OD	COMMSCOPE TECHNOLOGI
DSDB365W	DB365W	DB365W CLIP BRACKET ANTENNA MOUNTING	COMMSCOPE TECHNOLOGI
DSDB3777	DB3777	DB3777, UHF WINDOW FILTER 450-512MHZ	DBSPECTRA
DSDB3777ABWP	DB3777AB-WP	DB3777AB-WP, 406-440 MHZ FILTER W/PANEL, 4MHZ PB	DBSPECTRA
DSDB3777SM	DB3777-SM	DB3777-SM, UHF RECEIVE WINDOW FILTER WITH SIDE MOUNTS,450-512MHZ	DBSPECTRA
DSDB3777WP	DB3777-WP	DB3777-WP, 440-512 MHZ FILTER W/PANEL 4MHZ PB 440-470/3MHZ PB 470-5	DBSPECTRA
DSDB3826BPB	DB3826BPB	UHF DUAL UNIVERSAL MILLED WINDOW FILTER, 456-460MHZ/466-470MHZ	DBSPECTRA
DSDB3826MWP	DB3826M-WP	456 - 460 466 - 470MHZ, DUAL BAND UHF FILTER WITH SPECIAL SIDE MOUNT	DBSPECTRA
DSDB3826SM	DB3826-SM	DB3826-SM 456-470MHZ UHF DUAL WINDOW FILTER WITH SIDE MOUNTS	DBSPECTRA
DSDB3826WP	DB3826-WP	DB3826-WP, 456-460MHZ/466-470MHZ FILTER W/ PANEL	DBSPECTRA
DSDB4001N2	DB4001N-2	DB4001N-2, 150-174 MHZ 2 CAVITY FILTER BANDPASS, 5IN OD	DBSPECTRA
DSDB4059	DB4059	DB4059, 148-174 MHZ BANDPASS REJECT DUPLEXER	DBSPECTRA
DSDB4060WOCB	DB4060-WOC-B	DB4060-WOC-B, 143-156 MHZ BANDPASS REJECT DUPLEXER, 4 CAVITY	DBSPECTRA
DSDB4062WOC	DB4062-WOC-C	DB4062-WOC-C, 6 CAV BANDPASS/BANDREJECT DUPLEXER W/OUT CAB, 154-1	DBSPECTRA
DSDB4259S18RWT	DB4259S18RWT	DB4259S18RWT, 806-824 MHZ TRUNKED RX FILTER	DBSPECTRA
DSDB4304LIM	DB4304LIM	DB4304LIM LOW PIM 100W LOAD	DBSPECTRA
DSDB434801LDKT	DB434801LDKT	DB434801LDKT, 100 WATT LOAD USED FOR DB4348 COMBNR FOR CLOSE SPAC	DBSPECTRA
DSDB434802LDKT	DB434802LDKT	2 CH VHF 148-174MHZ 100 WATT LOAD KIT	DBSPECTRA
DSDB434803LDKT	DB434803LDKT	DB434803LDKT, KIT OF 3 EACH VHF 100 WATT LOADS	DBSPECTRA
DSDB43482BWF	DB4348-2-BWF	DB4348-2-BWF, 148-160 MHZ 2 CH TX COMBINER, SINGLE 8 INCH CAVITY	DBSPECTRA
DSDB43483BWF	DB4348-3-BWF	DB4348-3-BWF, 148-160 MHZ 3 CH TX COMBINER, SINGLE 8 INCH CAVITY	DBSPECTRA
DSDB43484BWF	DB4348-4-BWF	DB4348-4-BWF, 148-160 MHZ 4 CH TX COMBINER, SINGLE 8 INCH CAVITY	DBSPECTRA
DSDB43484CWF	DB4348-4-CWF	DB4348-4-CWF, 160-174 MHZ 4 CH TX COMBINER, SINGLE 8 INCH CAVITY	DBSPECTRA
DSDB43485BWF	DB4348-5-BWF	DB4348-5-BWF, 148-160 MHZ 5 CH TX COMBINER, SINGLE 8 INCH CAVITY	DBSPECTRA
DSDB43486BWF	DB4348-6-BWF	DB4348-6-BWF, 148-160 MHZ 6 CH TX COMBINER, SINGLE 8 INCH CAVITY	DBSPECTRA



DSDB436810B	DB4368-10-B	DB4368-10-B, 450-470 MHZ 10 CH TX COMBINER	DBSPECTRA
DSDB43682B	DB4368-2-B	DB4368-2-B, 450-470 MHZ 2 CH TX COMBINER	DBSPECTRA
DSDB43682BT	DB4368-2-BT	DB4368-2-BT, 470-492 MHZ 2 CH TX COMBINER	DBSPECTRA
DSDB43682WBB	DB4368-2WBB-B	DB4368-2WBB-B, 450-470 MHZ 2 CH EXPANSION KIT W/BRACKET	DBSPECTRA
DSDB43683AB	DB4368-3-AB	DB4368-3-AB, 406-416 MHZ 3 CH TX COMBINER	DBSPECTRA
DSDB43683B	DB4368-3-B	DB4368-3-B, 450-470 MHZ 3 CH TX COMBINER	DBSPECTRA
DSDB43683BT	DB4368-3-BT	DB4368-3-BT, 470-492 MHZ 3 CH TX COMBINER	DBSPECTRA
DSDB43683CT	DB4368-3-CT	DB4368-3-CT, 485-512 MHZ 3 CH TX COMBINER	DBSPECTRA
DSDB43684AB	DB4368-4-AB	DB4368-4-AB, 406-416 MHZ 4 CH TX COMBINER	DBSPECTRA
DSDB43684B	DB4368-4-B	DB4368-4-B, 450-470 MHZ 4 CH TX COMBINER	DBSPECTRA
DSDB43684BT	DB4368-4-BT	DB4368-4-BT, 470-492 MHZ 4 CH TX COMBINER	DBSPECTRA
DSDB43684CT	DB4368-4-CT	DB4368-4-CT, 485-512 MHZ 4 CH TX COMBINER	DBSPECTRA
DSDB43685AD	DB4368-5-AD	DB4368-5-AD, 410-430 MHZ 5 CH TX COMBINER	DBSPECTRA
DSDB43685B	DB4368-5-B	DB4368-5-B, 450-470 MHZ 5 CH TX COMBINER	DBSPECTRA
DSDB43686AB	DB4368-6-AB	DB4368-6-AB, 406-416 MHZ 6 CH TX COMBINER	DBSPECTRA
DSDB43686B	DB4368-6-B	DB4368-6-B, 450-470 MHZ 6 CH TX COMBINER	DBSPECTRA
DSDB43688B	DB4368-8-B	DB4368-8-B, 450-470 MHZ 8 CH TX COMBINER	DBSPECTRA
DSDB43688BPD2B	DB43688BPD-2B	COMBINER, 2 CHANNEL, 450-470MHZ, DUAL CAVITY W/ DIN CONN, 100W LOA	DBSPECTRA
DSDB43688BPD3B	DB43688BPD-3B	COMBINER, 3 CHANNEL, 450-470MHZ, DUAL BAND WITH MILLED FILTER DIPL	DBSPECTRA
DSDB43688BPD4B	DB43688BPD-4B	COMBINER, 4 CHANNEL, 380-512MHZ, USES 8IN CAVITIES WITH MILLED FILTER	DBSPECTRA
DSDB43688BPD5B	DB43688BPD-5B	COMBINER, 5 CHANNEL UHF, 380-512MHZ, USES 8 IN CAVITIES WITH MILLED F	DBSPECTRA
DSDB43688BPD6B	DB43688BPD-6B	COMBINER, 6 CHANNEL, 380-512MHZ, 8IN CAVITIES WITH MILLED FILTER	DBSPECTRA
DSDB43688BPS3B	DB43688BPS3B	3 CHANNEL 450MHZ SINGLE BAND UHF INTEGRATED COMBINING SYS TO INCL	DBSPECTRA
DSDB4368DIN	DB4368DIN	DB4368DIN, 7/16 DIN CONNECTOR KIT FOR DB4368 SERIES COMBINERS	DBSPECTRA
DSDB4368LDKT	DB4368LDKT	DB4368LDKT, 100W LOAD UPGRADE KIT	DBSPECTRA
DSDB4368PIM	DB4368PIM	7/16 DIN JUNCTION AND SHRINK TUBING KIT FOR DB4368 SERIES COMBINER P	DBSPECTRA
DSDB4368WBB	DB4368-WB-B	DB4368-WB-B, 450-470 MHZ 1 CH EXPANSION KIT W/BRACKET	DBSPECTRA
DSDB4368WBBT	DB4368-WB-BT	DB4368-WB-BT, 470-492 MHZ 1 CH EXPANSION KIT W/BRACKET	DBSPECTRA
DSDB4368WOBB	DB4368-WOB-B	DB4368-WOB-B, 450-470 MHZ 1 CH EXPANSION KIT W/OUT BRACKET	DBSPECTRA
DSDB460330	DB4603-30	DB4603-30, LOAD, 30W, 25-2500MHZ	DBSPECTRA
DSDB5004	DB5004	DB5004 ADJUSTABLE SIDE MOUNTING KIT FOR 3 IN OD ROUND MEMBERS	COMMSCOPE TECHNOLOGI
DSDB589Y	DB589-Y	DB589-Y 890-960 SINGLE ARRAY 9 DBD OMNI	COMMSCOPE TECHNOLOGI
DSDB8926KIT10	DB8926-KIT10	1 WATT LOADS N-MALE, N MALE TERMINATION KIT	DBSPECTRA
DSDB8982YTMAR	DB8982YTMA-R	DB8982YTMA-R, TOWER TOP AMP 2X4 MHZ BW WITH TEST PORT	DBSPECTRA
DSDBACV2710J1MO	ACV2710J1MO	ACV2710J1MO, VARILATOR 806-869MHZ	DBSPECTRA
DSDBACV2910J1MO	ACV2910J1MO	ACV2910J1MO, VARILATOR 896-960MHZ	DBSPECTRA
DSDBCINJKT	DBCINJKT	FIELD PDU TEST PORT INJECTION KIT FOR UPGRADING EXISTING DBSMCP PDU	DBSPECTRA
DSDBCINJKT	DBCINJKT	DBCINJKT, TEST SIGLN INJECTR KIT FOR DBCNRX SERIES PRODUCT 806-824MH	DBSPECTRA
DSDBMOFANKT	DBMOFAN-KT	DBMOFAN-KT , FAN KIT FOR DBMOFR-22U	DBSPECTRA
DSDBMOFR16RUTC	DBMOFR-16RUTC	DBMOFR-16RUTC, 16RU TRANSPORTABLE CASE	DBSPECTRA
DSDBMOFR34CAB	DBMOFR-34CAB	DBMOFR-34CAB, 34U RACK ENCLOSURE KIT, SOLID DOOR/PANEL	DBSPECTRA
DSDBMOFR34U	DBMOFR-34U	DBMOFR-34U, 34U FRAME RACK	DBSPECTRA
DSDBMOFR34UM	DBMOFR-34UM	DBMOFR-34UM, 34U FRAME RACK W/GROUND STRAP	DBSPECTRA
DSDBMOFR34VCAB	DBMOFR34VCAB	VENTED ENCLOSURE KIT FOR 34U FOUR POST RACK, 2 VENTED DOORS SIDE PA	DBSPECTRA
DSDBMOFR43CAB	DBMOFR-43CAB	DBMOFR-43CAB, FULL ENCLOSURE KIT FOR DBMOFR-43U 2 POST RACK	DBSPECTRA
DSDBMOFR43U	DBMOFR-43U	DBMOFR-43U, 43U FRAME RACK	DBSPECTRA
DSDBMOFR43UM	DBMOFR-43UM	DBMOFR-43UM, 43U FRAME RACK W/GROUND STRAP	DBSPECTRA
DSDBMOFR43UPKT	DBMOFR43UPKT	DSDBMOFR43UPKT, PANEL KIT, 43U BLANK	DBSPECTRA
DSDBMOFR8RUTC	DBMOFR-8RUTC	DBMOFR-8RUTC, 8RU TRANSPORTABLE CASE	DBSPECTRA
DSDBMOFRCASTK	DBMOFR-CASTK	DBMOFR-CASTK, CASTER KIT - 4 WHEELS	DBSPECTRA
DSDBMOFRD34RK	DBMOFRD34RK	SIDE PANEL KIT (ONE SIDE W/ ADAPTABLE PANELS) 34RU	DBSPECTRA
DSDBMOFRD43RK	DBMOFRD43RK	DBMOFRD43RK, SIDE PANEL KIT (ONE SIDE W/ ADAPTABLE PANELS)	DBSPECTRA
DSDBMOFRFANP	DBMOFR-FANP	DBMOFR-FANP, FAN PANEL KIT	DBSPECTRA
DSDBMOFRKT	DBMOFRKT	DBMOFRKT, RACK NUT, BOLTS AND TIE WRAPS	DBSPECTRA
DSDBMOFRP43UDR	DBMOFRP43UDR	DBMOFRP43UDR, PERFORATED SOLID DOOR KIT (INCL 1DOOR AND SCREWS)	DBSPECTRA
DSDBMOFRTOP	DBMOFR-TOP	DBMOFR-TOP, TOP PLATE FOR ATS RACKS	DBSPECTRA
DSDBMOFRTRB18	DBMOFR-TRB18	DBMOFR-TRB18, 18 RU ENCLOSED BUD CABINET	DBSPECTRA
DSDBMOFRV34UDR	DBMOFRV34UDR	DBMOFRV34UDR, DOOR KIT, 34U VENTED	DBSPECTRA
DSDBMOFRV43UDR	DBMOFRV43UDR	DBMOFRV43UDR, DOOR KIT, 43U VENTED	DBSPECTRA
DSDBS4258S10WT	DBS4258S10WT	DBS4258S10WT, 10MHZ WINDOW FILTER 806-816MHZ	DBSPECTRA
DSDBS4258S18WT	DBS4258S18WT	806-824MHZ 18MHZ BANDPASS RECEIVE FILTER.	DBSPECTRA
DSDBSDB4303B	DB4303B	DB4303B, LOAD, 100W	DBSPECTRA
DSDBSDB4601	DB4601	DB4601, LOAD, 15W 25-1000MHZ	DBSPECTRA
DSDBSDB8922	DB8922	DB8922, 50 OHM BNC MALE TERMINATION FOR UNUSED PORTS	DBSPECTRA
DSDBSDB8926	DBSDB8926	DB8926, LOAD, 50 OHM, 1W, N-PLUG, 30-960MHZ	DBSPECTRA
DSDBSMCP108B31	DBSMCP108B31	DBSMCP108B31, 148-824 MHZ, 8 CH, 90-264 VAC IN TO 15 VDC OUT	DBSPECTRA
DSDBSMCP108C31	DBSMCP108C31	DBSMCP108C31, 700-960 MHZ, 8 CH, 90-264 VAC IN TO 15 VDC OUT	DBSPECTRA
DSDBSMCP108C41	DBSMCP108C41	DBSMCP108C41, 8 CH. RX MULTICOUPLER, 776-901MHZ	DBSPECTRA
DSDBSMCP108E41	DBSMCP108E41	PDU, 380-824MHZ, 8 CHANNEL RECEIVER MULTICOUPLER, BYPASS RELAY,	DBSPECTRA
DSDBSMCP108F41	DBSMCP108F41	DBSMCP108F41, 700-960 MHZ, 8 CH. RX MULTICOUPLER, 776-901MHZ	DBSPECTRA
DSDBSMCP116C31	DBSMCP116C31	DBSMCP116C31, 16 CH RXMC W/PDU/TEST PORT, 776-901MHZ	DBSPECTRA

DSDBSMCP116C41	DBSMCP116C41	DBSMCP116C41, 16 CH RXMC W/ PDU, 700-960MHZ	DBSPECTRA
DSDBSMCP116F41	DBSMCP116F41	DBSMCP116F41, 16 CH RXMC W/ PDU, 700-960MHZ	DBSPECTRA
DSDBSMCP8EXP	DBSMCP8EXP	DBSMCP8EXP, 8 CH EXPANSION KIT FOR DBSMC RXMC	DBSPECTRA
DSDCHF1250ACVB	DCHF1250AC-VB	DC CONVERTER, 48V/12V, VALERE LATCH	ELTEK INC
DSDCPSX2003BS	DCPSX2003BS	48V, 200A DC POWER SYS, SEISMIC, 84X23X22 RACK, 3 BATT TRAY, 2 BATT BK	LAMARCHE MFG CO
DSDCR50	DCR50	RECTIFIER, DCP550A	LAMARCHE MFG CO
DSDCSRNFPA	D-CSR-NFPA-USA	AXELL NFPA ALARMING OPTION	AXELL WIRELESS
DSDCSRPSUAC2	D-CSR-PSU AC2	AXELL UHF 380-470 MHZ CHANNEL SELECTIVE REPEATER, PSU	AXELL WIRELESS
DSDDB30D78DDC	QUOTE # 48005/DDB 30D-78DDC	TRIPLE BAY OUTDOOR ENCLOSURE 78HX88.5WX34D	ANIXTER INC
DSDDB5INSULATION	DDB PART #.5INS	DDB 5IN INSULATION	ANIXTER INC
DSDDBACP4000N28110	DDB ACP4000-N28-110	4000 BTU	ANIXTER INC
DSDDBACP6000N28110	DDB ACP6000-N28-110	6000 BTU AC UNIT	ANIXTER INC
DSDDBOD62DXC	QUOTE 48341/DDB OD-62DXC	DDB OUTDOOR ENCLOSURE 62HX25WX25D 33RU	ANIXTER INC
DSDFA01250	DFA01250	DFA01250, 7/16 DIN FEMALE FOR 1/2" CABLE	TRIOLOGY COMMUNICATIO
DSDFA07850	DFA07850	DFA07850, 7/16 DIN FEMALE FOR 7/8" CABLE	TRIOLOGY COMMUNICATIO
DSDFA11450	DFA11450	DFA11450, 7/16 DIN FEMALE FOR 1-1/4" CABLE	TRIOLOGY COMMUNICATIO
DSDFA15850	DFA15850	DFA15850, 7/16 DIN FEMALE FOR 1-5/8" CABLE	TRIOLOGY COMMUNICATIO
DSDFP01250	DFP01250	DFP01250, DIN FEMALE FOR 1/2" CABLE	TRIOLOGY COMMUNICATIO
DSDGXE24DMDF-A	POLYPHASER DGXE+24DMDF-A	RF LIGHTNING PROTECTOR, HYBRID 400MHZ TO 2.5GHZ - 2.5 GHZ +24 VOLTS	TRANSTECTOR SYSTEMS
DSDGXZ06DFDF-A	POLYPHASER DGXZ+06DFDF-A	DC PASS, 800-2500MHZ DIN FEMALE/DIN FEMALE CONNECTOR, 6VDC	TRANSTECTOR SYSTEMS
DSDGXZ06DMDF-A	POLYPHASER DGXZ+06DMDF-A	DC PASS, 800-2500MHZ DIN FEMALE/MALE CONNECTOR, 6VDC	TRANSTECTOR SYSTEMS
DSDGXZ06NFNF-A	POLYPHASER DGXZ+06NFNF-A	800 MHZ - 2.5 GHZ +6 VOLTS (DGXZ+06NFNF-A)	TRANSTECTOR SYSTEMS
DSDGXZ15NFNF-A	POLYPHASER DGXZ+15NFNF-A	RF SPD, 800MHZ - 2.3GHZ +15 VOLT TOWER TOP AMP	TRANSTECTOR SYSTEMS
DSDGXZ36NMNF-A	POLYPHASER DGXZ+36NMNF-A	DC PASS PROTECTOR W/OPERATING VOLTAGE OF +36 VDC	TRANSTECTOR SYSTEMS
DSDHK782P	DHK-78-2-P	DOUBLE HANGER KIT FOR 7/8 IN COAX SINGLE STACK; INCL HW, ANGLE ADPT	COMMSCOPE TECHNOLOGI
DSDHK786P	DHK-78-6-P	DHK-78-6-P PREMIUM DOUBLE HANGER KIT, 7/8", 6 RUN {1EA}	COMMSCOPE TECHNOLOGI
DSDIA2GU1	DI-A2GU1	DI-A2GU1: DS1 56POS/1-28AB 4X19 REAR	COMMSCOPE TECHNOLOGI
DSDLCASTERS	DLCASTERS	NETWORK CABINET CASTER KIT, 4 PACK	ANIXTER INC
DSDMA01250	DMA01250	DMA01250, 7/16 DIN MALE FOR 1/2" CABLE	TRIOLOGY COMMUNICATIO
DSDMA07850	DMA07850	DMA07850, 7/16 DIN MALE FOR 7/8" CABLE	TRIOLOGY COMMUNICATIO
DSDMA11450	DMA11450	DMA11450, 7/16 DIN MALE FOR 1-1/4" CABLE	TRIOLOGY COMMUNICATIO
DSDMBR3738PSNFPA B	D-MBR-3007-3008-PS-NFPA CLS B	CLASS B DIGITAL 700-800 REBANDABLE MINI SIGNAL BOOSTER	AXELL WIRELESS
DSDMP01250	DMP01250	DMP01250, DIN MALE FOR 1/2" CABLE	TRIOLOGY COMMUNICATIO
DSDMPR01250	DMPR01250	DMPR01250, 1/2" DIN MALE RIGHT ANGLE CONNECTOR FOR PLENUM CABLE	TRIOLOGY COMMUNICATIO
DSDP3840080732	DP3840-0807-32	DUPLEXER BANDPASS 380-400MHZ, 5MHZ, BW, 5MHZ GB, 300W	RFI AMERICAS INC
DSDP4042080732	DP4042-0807-32	DUPLEXER, BANDPASS 400-420MHZ, 5MHZ BW, 5MHZ GB, 200W	RFI AMERICAS INC
DSDP767985080132	DP767985-0801-32	DUPLEXER TRI BAND 762-776 MHZ, 792-824 MHZ, 851-869 MHZ	RFI AMERICAS INC
DSDP7680080132	DP7680-0801-32	DUPLEXER 762-776 MHZ, 792-806 MHZ	RFI AMERICAS INC
DSDP8010088332	DP8010-0883-32	DUPLEXER FOR 896-902 MHZ AND 935-941 MHZ PASSBANDS	RFI AMERICAS INC
DSDP8086080132	DP8086-0801-32	DUPLEXER 806-824 MHZ, 851-869 MHZ	RFI AMERICAS INC
DSDPM100E	DPM-100E	DPM ELEMENT, 400-960MHZ, 100W	BIRD ELECTRONIC CORP
DSDPM10E	DPM-10E	DPM ELEMENT, 400-960MHZ, 10W	BIRD ELECTRONIC CORP
DSDPR100BT	1101-949	RACK MOUNT 10/100 BT DATA, 16 POSITION 19 X 1.75 X 2, 1/4-20 GRD. STUD	TRANSTECTOR SYSTEMS
DSDPR8281	1101-828	10/100BT DATA PROTECTION	TRANSTECTOR SYSTEMS
DSDPR8291	1101-829	XDSL SECONDARY PROTECTION	TRANSTECTOR SYSTEMS
DSDPR8301	1101-830	T1E1 SECONDARY PROTECTION	TRANSTECTOR SYSTEMS
DSDPR8821	1101-882	1000BT DATA PROTECTION	TRANSTECTOR SYSTEMS
DSDPR911	1101-911	DPR MODULE SURGE GDT	TRANSTECTOR SYSTEMS
DSDPRPOE60V	1101-905	SPD, 60 V POE, RJ-45, INLINE, DIN RAIL OR RACK MOUNT SURGE PROT	TRANSTECTOR SYSTEMS
DSDPRRAK	1000-1206	RACK MOUNT ASSEMBLY 19X1.75X1.75, 1/4-20 GRD. STUD	TRANSTECTOR SYSTEMS
DSDPRT1E1	1101-948	RACK MOUNT T1 AND E1 COMPATIBLE 19X1.75X2, 1/4-20 GRD. STUD	TRANSTECTOR SYSTEMS
DSDPX210270	DPX-210-270	PANORAMA FILTER UNIT 50-210/270-1000 FME ANTENNA	PANORAMA ANTENNAS IN
DSDRDC12	1101-679	SPD, DIN RAIL 12 VDC SUPPRESSOR	TRANSTECTOR SYSTEMS
DSDRDC24	1101-680	SPD, DRDC 24VDC DINRAIL	TRANSTECTOR SYSTEMS
DSDRDC48	1101-681	SPD, DRDC 48VDC DINRAIL	TRANSTECTOR SYSTEMS
DSDRDC7	1101-678	13 VDC PEAK SIGNAL	TRANSTECTOR SYSTEMS
DSDRS1215	DRS-1215	SPD, 12 OUTLETS 15 FT CORD 1050 JOULES NON-ISOBAR SURGE SUPPRESSOR 1	TRIPP LITE MANUFACTU
DSDS1F00F36UD	DS1F00F36U-D	ANTENNA, 150-164MHZ UNITY GAIN SINGLE VHF FIBERGLASS W/ 7/16 DIN COI	DBSPECTRA
DSDS1F00F36UN	DS1F00F36U-N	DS1F00F36U-N 150-160MHZ UNITY GAIN VHF OMNI FIGERGLASS ANTENNA	DBSPECTRA
DSDS1F03F36DD	DS1F03F36D-D	DS1F03F36D-D 3DB GAIN DUAL FEED OMNI FGLASS ANT 7/16DIN 150-164MHZ	DBSPECTRA
DSDS1F03F36DN	DS1F03F36D-N	DS1F03F36D-N, 150-164 MHZ DUAL OMNI FIBERGLASS ANT, 2.6 DBD	DBSPECTRA
DSDS1F03F36UD	DS1F03F36U-D	DS1F03F36U-D, 150-164 MHZ OMNI FIBERGLASS ANT, 3 DBD, W/ DIN	DBSPECTRA
DSDS1F03F36UN	DS1F03F36U-N	DS1F03F36U-N, 150-164 MHZ OMNI FIBERGLASS ANT, 3 DBD, W/ N	DBSPECTRA
DSDS1F06F36U3N	DS1F06F36U3N	DS1F06F36U3N N TYPE 6 DB GAIN 3 DEGREE DOWN TILT	DBSPECTRA
DSDS1F06F36UD	DS1F06F36U-D	DS1F06F36U-D, 150-164MHZ OMNI FIBERGLASS ANT, 6 DBD GAIN, 7/16 DIN CO	DBSPECTRA
DSDS1F06F36UN	DS1F06F36U-N	DS1F06F36U-N, 150-164MHZ OMNI FIBERGLASS ANT, 6 DBD GAIN, N CONN	DBSPECTRA
DSDS1G03F36DD	DS1G03F36D-D	DS1G03F36D-D, 160-174MHZ DUAL OMNI FIBERGLASS ANT 7/16 DIN CON	DBSPECTRA
DSDS1G03F36UD	DS1G03F36U-D	160-174MHZ, 3DB GAIN OMNI FIBERGLASS ANTENNA WITH DIN CONNECTOR	DBSPECTRA
DSDS1G03F36UN	DS1G03F36U-N	160-174MHZ, 3DB GAIN OMNI FIBERGLASS ANTENNA WITH N-TYPE CONNECTC	DBSPECTRA
DSDS1G06F36UD	DS1G06F36U-D	160-174MHZ, 6DB GAIN OMNI FIBERGLASS ANTENNA WITH DIN CONNECTOR	DBSPECTRA
DSDS1G06F36UN	DS1G06F36U-N	160-174MHZ, 6DB GAIN OMNI FIBERGLASS ANTENNA WITH N CONNECTOR	DBSPECTRA

DS43452B	DS4345-2-B	DS4345-2-B,148-160MHZ 2 CH TX COMB, 5" SING CAV, LESS 2 POST 7"RACK	DBSPECTRA
DS43453B	DS4345-3-B	DS4345-3-B,148-160MHZ 3 CH TX COMB, 5" SING CAV, LESS 2 POST 7"RACK	DBSPECTRA
DS4345D2B	DS4345D-2-B	DS4345D-2-B, 148-160MHZ 2 CH TX COMB, 5" DUAL CAV, LESS 2 POST 7"RACK	DBSPECTRA
DS4345D2BWF	DS4345D-2-BWF	DS4345D-2-BWF, 148-160MHZ 2 CH TX COMBINER, DUAL CAVITY	DBSPECTRA
DS4345D2CWF	DS4345D-2-CWF	DS4345D-2-CWF, 160-174 MHZ 2 CH TX COMBINER, DUAL CAVITY	DBSPECTRA
DS4345D3BWF	DS4345D-3-BWF	DS4345D-3-BWF, 148-160MHZ 3 CH TX COMBINER, DUAL CAVITY	DBSPECTRA
DS4345D3CWF	DS4345D-3-CWF	DS4345D-3-CWF, 160-174MHZ 3 CH TX COMBINER, DUAL CAVITY	DBSPECTRA
DS4345D3PIM	DS4345D3PIM	PIM HARDENING KIT - DIN OUTPUT CONNECTOR ETC.	DBSPECTRA
DS4345D4B	DS4345D-4-B	DS4345D-4-B, 148-160MHZ 4 CH TX COMB, 5" DUAL CAV, LESS 2 POST 7"RACK	DBSPECTRA
DS4345D4BWF	DS4345D-4-BWF	DS4345D-4-BWF, 148-160MHZ 4 CH TX COMBINER, DUAL CAVITY	DBSPECTRA
DS4345D4CWF	DS4345D-4-CWF	DS4345D-4-CWF, 160-174MHZ 4 CH TX COMBINER, DUAL CAVITY	DBSPECTRA
DS4345D5B	DS4345D-5-B	5 CHANNEL DUAL 5 INCH CAVITY COMBINER, 148-160MHZ, N-TYPE CONNECTOR	DBSPECTRA
DS4345D5PIM	DS4345D5PIM	PIM HARDENING KIT FOR 5 CHANNEL DS4345D AND DS4548D COMBINERS.	DBSPECTRA
DS4345D6B	DS4345D-6-B	6 CHANNEL DUAL 5" CAVITY COMBINER, 148-160MHZ, N-TYPE CONNECTOR	DBSPECTRA
DS4345D6PIM	DS4345D6PIM	PIM HARDENING KIT FOR 6 CHANNEL VHF COMBINERS.	DBSPECTRA
DS43644B	DS4364-4-B	DS4364-4-B, 4 CH TX CAVITY COMBINER USING 4" CAVITIES, 450-470MHZ	DBSPECTRA
DS43646B	DS4364-6-B	DS4364-6-B, 6 CH TX CAVITY COMBINER USING 4" CAVITIES, 450-470MHZ	DBSPECTRA
DS43USEISMIC	DS43USEISMIC	SEISMIC FLOOR MOUNT KIT FOR DBMOFR-43U RACKS	DBSPECTRA
DS4548D2B	DS4548D-2-B	DS4548D-2-B, 2CH DUAL CAVITY COMB USING 8" AND 5" COMB CAV 148-160M	DBSPECTRA
DS4548D3B	DS4548D-3-B	DS4548D-3-B, 3 CH DUAL CAVITY COMB USING 8" AND 5" COMB CAV 148-160M	DBSPECTRA
DS4548D4B	DS4548D-4-B	DS4548D-4-B, 4 CHANNEL 8" AND 5" VHF CAVITY COMBINER, 148-160MHZ	DBSPECTRA
DS4548D5B	DS4548D-5-B	DS4548D-5-B, COMBINER 5CH, 5/8 IN DUAL CAVITY PER CHANNEL, 148-160MH	DBSPECTRA
DS4548D5C	DS4548D-5-C	5 CHANNEL TRANSMIT CAVITY COMBINER 5IN AND 8IN CAVITIES 160 THRU 174	DBSPECTRA
DS4548D6B	DS4548D-6-B	6 CHANNEL TRANSMIT CAVITY COMBINER 5IN AND 8IN CAVITIES 148 TO 160M	DBSPECTRA
DS4A00F36UD	DS4A00F36U-D	ANTENNA, 406 - 436MHZ UNITY GAIN FIBERGLASS OMNI WITH 7/16 DIN.	DBSPECTRA
DS4A03F36UD	DS4A03F36U-D	ANTENNA, 406 - 436MHZ 3DB GAIN FIBERGLASS OMNI WITH 7/16 DIN	DBSPECTRA
DS4A06F36UN	DS4A06F36U-N	DS4A06F36U-N, 400-436 MHZ OMNI FIBERGLASS ANT, 6 DBD	DBSPECTRA
DS4A10F36UN	DS4A10F36U-N	ANTENNA 406-436 MHZ, 10 DBD, SINGLE OMNI FIBERGLASS	DBSPECTRA
DS4B08F36U3N	DS4B08F36U3N	DS4B08F36U3N, 425-455 MHZ 3 DOWNTILT OMNI FIBERGLASS ANT, 8 DBD	DBSPECTRA
DS4C00F36DD	DS4C00F36DD	DS4C00F36DD, UNITY GAIN DUAL FIBERGLASS ANTENNA, 450-482MHZ	DBSPECTRA
DS4C00F36DN	DS4C00F36DN	DS4C00F36DN, UNITY GAIN OMNI FIBERGLASS ANTENNA, 450-482MHZ	DBSPECTRA
DS4C00F36UD	DS4C00F36U-D	DS4C00F36U-D, UNITY GAIN 450-482MHZ FIBERGLASS OMNI ANT, 7/16 DIN CC	DBSPECTRA
DS4C00F36UN	DS4C00F36U-N	DS4C00F36U-N, 450-482 MHZ OMNI FIBERGLASS ANT, 0 DBD, N CONN	DBSPECTRA
DS4C03C36DN	DS4C03C36D-N	DS4C03C36D-N, 450-482MHZ 3DB DUAL OMNI ANTENNA 2" RADOME	DBSPECTRA
DS4C03F36DD	DS4C03F36D-D	DS4C03F36D-D 3DB GAIN DUAL FEED WITH 7/16 DIN CONNECTOR	DBSPECTRA
DS4C03F36DN	DS4C03F36D-N	DS4C03F36D-N, 450-482 MHZ DUAL OMNI FIBERGLASS ANT, 3 DBD	DBSPECTRA
DS4C03F36TD	DS4C03F36T-D	DS4C03F36T-D, TRIPLE OMNI ANTENNA, 450-482MHZ	DBSPECTRA
DS4C03F36TN	DS4C03F36T-N	DS4C03F36T-N TRIPLE FEED OMNI ANTENNA 3DB GAIN 450-482MHZ	DBSPECTRA
DS4C03F36UD	DS4C03F36U-D	DS4C03F36U-D 450-482 MHZ OMNI FIBERGLASS ANT, 3DBD, 7/16 DIN CONN	DBSPECTRA
DS4C03F36UN	DS4C03F36U-N	DS4C03F36U-N, 450-482 MHZ OMNI FIBERGLASS ANT, 3 DBD	DBSPECTRA
DS4C06F36DD	DS4C06F36D-D	DS4C06F36D-D, 6DBD DUAL OMNI FIBERGLASS ANT, 450-482MHZ, 7/16 DIN CC	DBSPECTRA
DS4C06F36DN	DS4C06F36D-N	DS4C06F36D-N, 450-482 MHZ DUAL OMNI FIBERGLASS ANT, 6 DBD	DBSPECTRA
DS4C06F36U1N	DS4C06F36U1N	DS4C06F36U1N, 450-482 MHZ OMNI FIBERGLASS ANT, 1 DEG DTILT, 6 DBD GAI	DBSPECTRA
DS4C06F36U3D	DS4C06F36U3D	DS4C06F36U3D, 450-482MHZ, 6DB GAIN OMNI ANT, 3DEG DTILT, 7/16 DIN COI	DBSPECTRA
DS4C06F36U3N	DS4C06F36U-3N	DS4C06F36U-3N 450-482 MHZ OMNI FIBERGLASS ANT, 6 DB GN 3 DEGREE DWI	DBSPECTRA
DS4C06F36U6D	DS4C06F36U6D	DS4C06F36U6D 450-482MHZ 6 DB GAIN OMNI FBRGLASS ANT W 6 DEGREE DWI	DBSPECTRA
DS4C06F36UD	DS4C06F36U-D	DS4C06F36U-D, 6DBD OMNI FIBERGLASS ANT, 450-482MHZ, 7/16 DIN CONN	DBSPECTRA
DS4C06F36UN	DS4C06F36U-N	DS4C06F36U-N, 450-482 MHZ OMNI FIBERGLASS ANT, 6 DBD	DBSPECTRA
DS4C08F36UN	DS4C08F36U-N	DS4C08F36U-N, 450-482 MHZ OMNI FIBERGLASS ANT, 8 DBD	DBSPECTRA
DS4C10F36UN	DS4C10F36U-N	DS4C10F36U-N, 450-482 MHZ OMNI FIBERGLASS ANT, 10 DBD	DBSPECTRA
DS4D03F36UN	DS4D03F36U-N	DS4D03F36U-N, 480-512MHZ OMNI FIBERGLASS ANT, 3DBD GAIN	DBSPECTRA
DS4D06F36DD	DS4D06F36D-D	DS4D06F36D-D, 480-512 MHZ, 6 DBD, DUAL OMNI, DIN(F)	DBSPECTRA
DS4D06F36DN	DS4D06F36D-N	DS4D06F36D-N, 480-512MHZ DUAL OMNI FIBERGLASS ANT, 6 DBD GAIN	DBSPECTRA
DS4D06F36UD	DS4D06F36U-D	DS4D06F36U-D, 480-512 MHZ OMNI FIBERGLASS ANT, 6 DBD, DIN	DBSPECTRA
DS4D06F36UN	DS4D06F36U-N	DS4D06F36U-N, 480-512 MHZ OMNI FIBERGLASS ANT, 6 DBD	DBSPECTRA
DS4E06P18UD	DS4E06P18UD	406-512MHZ, 6DB GAIN DIRECTIONAL PANEL ANTENNA, DIN	DBSPECTRA
DS4E08L12UN	DS4E08L12U-N	DS4E08L12U-N, 406-512MHZ PNL ANT, 120 HORIZ BMWIDTH, 8 DBD, N-TYPE C	DBSPECTRA
DS4F06P36DD	DS4F06P36D-D	450-470MHZ DUAL FEED 5.9DB GAIN, LOW-PIM, PIP RATED ANT, DIN	DBSPECTRA
DS4FRWN041	DS4FRWN04-1	DS4FRWN04-1, SINGLE 4MHZ WINDOW FILTER >60DB AT 1MHZ R TO T, 450-470	DBSPECTRA
DS4FRWN042	DS4FRWN04-2	DS4FRWN04-2, DUAL 4MHZ WINDOW FILTER >60DB AT 1MHZ R TO T, 450-470	DBSPECTRA
DS4S7012	DS4S7012	DS4S7012, (794-806 MHZ) 700 MHZ WINDOW FILTER	DBSPECTRA
DS4S7822	DS4S7822	FILTER, 794-816MHZ RECEIVE WINDOW FILTER	DBSPECTRA
DS4S7A06F36DD	DS4S7A06F36D-D	DS4S7A06F36D-D 746-869 MHZ DUAL BAND OMNI FIBERGLASS 6 DBD ANT DIN	DBSPECTRA
DS4S7A06F36DN	DS4S7A06F36D-N	DS4S7A06F36D-N, 746-869 MHZ DUAL OMNI FIBERGLASS ANT, 6 DBD	DBSPECTRA
DS4S7A06F36TD	DS4S7A06F36T-D	746-869MHZ TRIPLE FEED OMNI FIBERGLASS ANTENNA WITH 7/16 DIN CONNE	DBSPECTRA
DS4S7A06F36U3N	DS4S7A06F36U3N	DS4S7A06F36U3N, 746-869 MHZ 3 DOWNTILT OMNI FIBERGLASS ANT, 6 DBD	DBSPECTRA
DS4S7A06F36UN	DS4S7A06F36U-N	DS4S7A06F36U-N, 746-869 MHZ OMNI FIBERGLASS ANT, 6 DBD	DBSPECTRA
DS4S7A12P90UD	DS4S7A12P90U-D	746-869 MHZ, 12 DBD, DIRECTIONAL PANEL ANTENNA, DIN	DBSPECTRA
DS4S7C03P36UD	DS4S7C03P36U-D	764-869MHZ SINGLE 3DB GAIN OMNI WITH DIN CONNECTOR, LOW PIM AND P	DBSPECTRA
DS4S7C06P36DD	DS4S7C06P36D-D	DS4S7C06P36D-D, 764-869MHZ DUAL 6DB GAIN OMNI WITH DIN	DBSPECTRA
DS4S7C06P36UD	DS4S7C06P36U-D	DS4S7C06P36U-D, 764-869MHZ SINGLE 6DB GAIN OMNI WITH DIN	DBSPECTRA



DSDSCC9507D	DSCC95-07D	935-940MHZ 7 CHANNEL TRANSMIT CERAMIC CAVITY COMBINER, 7/16 DIN CO	DBSPECTRA
DSDSCC9508D	DSCC95-08D	DSCC95-08D, 8 CH 935-940MHZ CERAMIC COMBINER, 150KHZ SEP	DBSPECTRA
DSDSCC9509D	DSCC95-09D	935-940MHZ 9 CHANNEL TRANSMIT CERAMIC CAVITY COMBINER, 7/16 DIN CO	DBSPECTRA
DSDSCC9510D	DSCC95-10D	935-940MHZ, 10 CHANNEL CERAMIC TRANSMIT COMBINER WITH 7/16 DIN CO	DBSPECTRA
DSDSD404380	DSD404-380	DUPLEXER, 370-410MHZ BANDPASS/BANDREJECT	DBSPECTRA
DSDSD404450	DSD404-450	DSD404-450, 450-470MHZ LOW COST BANDPASS REJECT DUPLEXER, 3MHZ OR	DBSPECTRA
DSDSD406450	DSD406-450	DSD406-450, 450-470MHZ LOW COST BANDPASS REJECT DUPLEXER, 5MHZ SEP	DBSPECTRA
DSDSD406M	DSD406M	UHF 450-512 MHZ MOBILE DUPLEXER TUNED	DBSPECTRA
DSDSD706M	DSD706M	DSD706M, 764-806MHZ SINGLE CHANNEL NOTCH DUPLEXER, 30MHZ FREQ SEF	DBSPECTRA
DSDSD906M	DSD906M	DSD906M, 896-969MHZ, 4MHZ PB NOTCH MBL DPLXR, 50 WATT	DBSPECTRA
DSDSDB8926	DB8926	LOAD, 50 OHM, 1W, N-PLUG	DBSPECTRA
DSDSDHC113	DSD-HC113	DSD-HC113, 800MHZ CNTRL STATION COMBINER DUPLEXER 100 WATTS	DBSPECTRA
DSDSH2H3S	DSH2H3S	DSH2H3S, ANT MOUNT SWAY BRACE, INC 2 CLAMPS, 3 IN PIPE, TOP SWAY BRA	DBSPECTRA
DSDSH2V3R	DSH2V3R	2 CLAMP MOUNTING KIT FOR ANTENNAS, VERTICAL MOUNTING, 0-10FT LENGT	DBSPECTRA
DSDSHC90005WF	DSHC900-05WF	DSHC900-05WF, 5 CH HYBRID COMBINER , 935-940MHZ	DBSPECTRA
DSDSPM4812VDC	DSPM4812VDC	48 VDC POWER SUPPLY ADAPTER	DBSPECTRA
DSDSPM5CDF	DSPM5C-DF	RF POWER MONITOR, 512-1000MHZ, 500 WATT, 7/16 DIN CONN, FEMALE/FEM	DBSPECTRA
DSDSRMC0608AA	DSRMC06-08AA	RMC06, 8 CH HIGH GAIN AMP UNIV RMC SYSTEM, AC POWER, 150-174MHZ	DBSPECTRA
DSDSRMC0608AD	DSRMC06-08AD	RMC06, 8 CH HIGH GAIN AMP UNIV RMC SYSTEM, -48 VDC POWER, 150-174MH	DBSPECTRA
DSDSRMC0608BA	DSRMC06-08BA	RMC06, 8 CH HIGH GAIN AMP UNIV RMC SYSTEM, AC POWER, 350-512MHZ	DBSPECTRA
DSDSRMC0608BAN	DSRMC0608BAN	RMC06 8 CH UNIVERSAL RMC SYSTEM, AC POWER, 350-512MHZ, NO ALARM B	DBSPECTRA
DSDSRMC0608BD	DSRMC06-08BD	RMC06, 8 CH HIGH GAIN AMP UNIV RMC SYSTEM, -48 VDC POWER, 150-512MI	DBSPECTRA
DSDSRMC0608CA	DSRMC06-08CA	RMC06, 8 CH HIGH GAIN AMP UNIV RMC SYSTEM, AC POWER, 700-902MHZ	DBSPECTRA
DSDSRMC0608CD	DSRMC06-08CD	RMC06, 8 CH HIGH GAIN AMP UNIV RMC SYSTEM, -48 VDC POWER, 700-902MI	DBSPECTRA
DSDSRMC0616BA	DSRMC06-16BA	RMC06, 16 CH HIGH GAIN AMP UNIV RMC SYSTEM, AC POWER, 350-512MHZ	DBSPECTRA
DSDSRMC0731AA	DSRMC07-3-1AA	RMC07, 3 CH UNIV SINGLE PATH MULTI-RECEIVER, AC POWER, 150-174MHZ	DBSPECTRA
DSDSRMC0731AD	DSRMC07-3-1AD	RMC07, 3 CH UNIV SINGLE PATH MULTI-RECEIVER, -48 VDC POWER, 150-174M	DBSPECTRA
DSDSRMC0731BA	DSRMC07-3-1BA	RMC07, 3 CH UNIV SINGLE PATH MULTI-RECEIVER, AC POWER, 350-512MHZ	DBSPECTRA
DSDSRMC0731BD	DSRMC07-3-1BD	RMC07, 3 CH UNIV SINGLE PATH MULTI-RECEIVER, -48 VDC POWER, 350-512M	DBSPECTRA
DSDST10	DST-10	DISTRIBUTION PANEL UL W/ REAR COVER (USE PBA PLUG-IN BREAKERS)	NEWMAR
DSDST20A	DST-20A	DISTRIBUTION PANEL (UL) W/ REAR COVER (USES PBA PLUG-IN BREAKERS)	NEWMAR
DSDSTU45BM	DSTU45BM	2 POST 7FT RACK BLACK WITH GROUND BAR	DBSPECTRA
DSDSTU45CM	DSTU45CM	DSTU45CM 45 RU 84IN CHATSWORTH CLEAR ALUMINUM 2-POST RACK GROUP	DBSPECTRA
DSDSWF1005	DSWF1005	DSWF1005, 150-174MHZ LOW COST VHF RX WINDOW FILTER, 1.0MHZ BANDWI	DBSPECTRA
DSDUALFUEL100GRC	DUAL FUEL OPT/UPG	DUAL FUEL UPG FOR GENERAC GAS GENS TO 100KW (LP VAPOR/NAT GAS)	GENERAC POWER SYSTEM
DSE001222AFK	E001222AFK / QUOTE # 0319 1&2	SUPERIOR 04-059-27, 440 FT 12 PAIR 22AWG PE-39 COPPER, GOPHER RESISTN	BLACK BOX CORP
DSE195WM20U24	E195WM20U24	VERSARACK WALL MOUNT SWING RACK 20RU BLACK STEEL	ANIXTER INC
DSEA404041DIN	EA4040-41-DIN	ELLIPTICAL, DUAL EXPOSED DIPOLE ARRAY 2X5 DBD, 136-174 MHZ, PIM RATED	RFI AMERICAS INC
DSEA4041DIN	EA40-41-DIN	ELLIPTICAL, EXPOSED DIPOLE ARRAY, 5 DBD, 136-174 MHZ, PIM RATED	RFI AMERICAS INC
DSEA4067DIN	EA40-67-DIN	ELLIPTICAL, EXPOSED DIPOLE ARRAY, 5 DBD, 400-520 MHZ, PIM RATED	RFI AMERICAS INC
DSEA8041DIN	EA80-41-DIN	ELLIPTICAL, EXPOSED DIPOLE ARRAY, 8 DBD 136-174 MHZ, PIM RATED	RFI AMERICAS INC
DSEA8067DIN	EA80-67-DIN	ELLIPTICAL, EXPOSED DIPOLE ARRAY, 8 DBD, 400-520 MHZ, PIM RATED	RFI AMERICAS INC
DSEFN0624	EFN06-24	FAN-OUT KIT, 6-FIBER BUFFER TUBE, 25-IN	BLACK BOX CORP
DSEFN110001MSTLC	EFN110-001M-STLC	FO CERAMIC 62.5 PVCST-LC 1M PATCH	BLACK BOX CORP
DSEFN110005MSTLC	EFN110-005M-STLC	FO CERAMIC 62.5 PVC ST-LC 5M PATCH	BLACK BOX CORP
DSEFN110010MSTLC	EFN110-010M-STLC	FO CERAMIC 62.5 PVC ST-LC 10M PATCH	BLACK BOX CORP
DSEFN1224	EFN12-24	FAN-OUT KIT, 12-FIBER BUFFER TUBE, 25-INCH	BLACK BOX CORP
DSEFN310001MLCLC	EFN310-001M-LCLC	SINGLEMODE FIBER PATCH, CABLE, PVC LC-LC 1M	BLACK BOX CORP
DSEFN310001MSCLC	EFN310-001M-SCLC	SINGLEMODE FIBER PATCH CABLE- PVC SC-LC	BLACK BOX CORP
DSEFN310001MSCSC	EFN310-001M-SCSC	SINGLEMODE FIBER PATCH CABLE PVC SC-SC1M	BLACK BOX CORP
DSEFN310002MSCLC	EFN310-002M-SCLC	SINGLEMODE FIBER PATCH CABLE, PVC SC-LC 2M	BLACK BOX CORP
DSEFN310002MSTST	EFN310-002M-STST	SINGLEMODE FIBER PATCH CABLE, PVC ST-ST 2 METERS	BLACK BOX CORP
DSEFN310003MSCSC	EFN310-003M-SCSC	SINGLEMODE FIBER PATCH CABLE, PVC SC-SC 3M	BLACK BOX CORP
DSEFN310003MSTLC	EFN310-003M-STLC	SINGLE MODE FIBER PATCH CABLE	BLACK BOX CORP
DSEFN310003MSTST	EFN310-003M-STST	SINGLEMODE FIBER PATCH CABLE, PVC ST-ST 3M	BLACK BOX CORP
DSEFN310005MSCSC	EFN310-005M-SCSC	SINGLEMODE FIBER PATCHCABLE, PVC SC-SC 5M	BLACK BOX CORP
DSEFN310005MSTST	EFN310-005M-STST	SINGLEMODE FIBER PATCHCABLE, PVC ST-ST 5M	BLACK BOX CORP
DSEFN310010MSCSC	EFN310-010M-SCSC	SINGLEMODE FIBER PATCH CABLE, PVC SC-SC 10M	BLACK BOX CORP
DSEFN310010MSTSC	EFN310-010M-STSC	SINGLEMODE FIBER PATCH CABLE, PVC ST-SC 10M	BLACK BOX CORP
DSEFN310010MSTST	EFN310-010M-STST	SINGLEMODE FIBER PATCH CABLE, PVC ST-ST 10 METERS	BLACK BOX CORP
DSEFN310015MLCLC	EFN310-015M-LCLC	SINGLEMODE FIBER PATCH CABLE PVC LC - LC 15M	BLACK BOX CORP
DSEFN310015MSCLC	EFN310-015M-SCLC	SINGLEMODE FIBER PATCH CABLE, PVC SC-LC 15M DUPLEX	BLACK BOX CORP
DSEFN310015MSCSC	EFN310-015M-SCSC	SINGLEMODE FIBER PATCH CABLE, PVC SC-SC 15M	BLACK BOX CORP
DSEFN310020MSCSC	EFN310-020M-SCSC	SINGLE-MODE, 9.0-MICRON DUPLEX FIBER OPTIC CABLE, SC?SC, PVC, 20-M	BLACK BOX CORP
DSEFN310030MSCSC	EFN310-030M-SCSC	SINGLEMODE FIBER PATCH CABLE, PVC SC-SC 30M	BLACK BOX CORP
DSEHN21000USB0007	EHN21000USB-0007	SERVSELECT III USB STYLE CABLE ([1] HD15 MALE, [1] USB TYPE A MALE	BLACK BOX CORP
DSEHN21000USB0015	EHN21000USB-0015	15 FEET OF SERVSELECT III USB CABLE-CL W/INT DONGLE	BLACK BOX CORP
DSEHN700010006	EHN70001-0006	6FT SERVS SWITCH DT-SERIES CPU CABLE	BLACK BOX CORP
DSEHN700010010	EHN70001-0010	10' SERVS SWITCH DT-SERIES CPU CABLE	BLACK BOX CORP
DSEHN900024U0006	EHN900024U-0006	6' SERVS SWITCH DT-SERIES CPU CABLE	BLACK BOX CORP
DSEHN9000U0006	EHN9000U-0006	6 FT SERVS SWITCH EC-SERIES CPU CABLE	BLACK BOX CORP

DSEHN9000U0010	EHN9000U-0010	10IN SERVS SWITCH EC-SERIES CPU CABLE	BLACK BOX CORP
DSEHN9000U0015	EHN9000U-0015	15' SERVS SWITCH EC-SERIES CPU CABLE	BLACK BOX CORP
DSELN25T0005MM	ELN25T-0005-MM	TELCO 25-PAIR PVC 5 FT 2 MALE CONNECTORS	BLACK BOX CORP
DSEMR21U	EMR2-1U	2POST-1RU SERVER MOUNTING RAILS	BLACK BOX CORP
DSENC21710SMOD	ENC21710S-MOD/ QUOTE # 43716	HOFFMAN SEISMIC CABINET 2135X700X1000	ANIXTER INC
DSEPXR14	EPXR14	IEC 320 C13 SOCKET TO IEC 320 C14 PLUG MOLDED EXT POWER CORD 6FT	BLACK BOX CORP
DSES100	ES100C	SPEAKER, 100W, HIGH OUTPUT COMPACT - REPLACES MS100	UNITROL
DSESBU	ESBU	UNIVERSAL BAIL BRACKET, ALL VEHICLES - REPLACES DS8567079A01 BRACKET	UNITROL
DSESH1915V	ESH1915V	SINGLE-SIDED SHELF, VENTED, BLACK	ANIXTER INC
DSETTS0201000	ETTS0201.000	FLATPACK S POWER SYSTEM,FPS 48V 2KW 230VAC BD	ELTEK INC
DSEVNSL0172GY1000	EVNSL0172GY-1000	CAT5E STP STANDARD PVC BULK 26 AWG 1000FT- GRAY	BLACK BOX CORP
DSEVNSL0173RD0006	EVNSL0173RD-0006	CAT5E SHLD CBL RED 6' 24 AWG, SLD 4PR, CMP	BLACK BOX CORP
DSEVNSL810010	EVNSL81-0010	CAT5E SNAGLESS BLUE 10FT 350-MHZ PATCH CABLE	BLACK BOX CORP
DSEW180	EW180	WAVEGUIDE STANDARD	COMMSCOPE TECHNOLOGI
DSEW52	EW52	EW52 HELIAX WAVEGUIDE	COMMSCOPE TECHNOLOGI
DSEW63	EW63	WAVEGUIDE STANDARD	COMMSCOPE TECHNOLOGI
DSEW77	EW77	EW77 HELIAX WAVEGUIDE STANDARD	COMMSCOPE TECHNOLOGI
DSEW90	EW90	HELIAX STANDARD ELLIPTICAL WAVEGUIDE, 10.2?11.7 GHZ, BLACK PE JACKET	COMMSCOPE TECHNOLOGI
DSEWMW362425	EWMW362425	ACCESS PLUS TYPE 1 WALL MOUNT CABINET 19RU DBL HINGED BLACK	ANIXTER INC
DSEWP5258	EWP52-58	EWP52, ELLIPTICAL WAVEGUIDE, 5.725-6.425 GHZ, BLACK PE JACKET, PER FT	COMMSCOPE TECHNOLOGI
DSEWP90107	EWP90-107	EWP90,PREM ELLIPTICAL WAVEGUIDE,10.7-11.7 GHZ, BLACK PE JACKET, PER FT	COMMSCOPE TECHNOLOGI
DSEWSH52	EWSH-52	UNIVERSAL SNAP-IN HANGER FOR ELLIPTICAL WAVEGUIDE 52 - PKG 10	COMMSCOPE TECHNOLOGI
DSEWSH90	EWSH-90	UNIVERSAL SNAP-IN HANGER FOR ELLIPTICAL WAVEGUIDE 90	COMMSCOPE TECHNOLOGI
DSEX30KW208V013	DSEX30KW208V013	UPS, EXM30KVA, 30KW 208/208V 3 PHASE 13 MINUTE RUNTIME	CELL MANAGEMENT SYST
DSEX30KW208V129	DSEX30KW208V129	UPS, EXM30KVA, 30KW 208/208V 3 PHASE 129 MINUTE RUNTIME	CELL MANAGEMENT SYST
DSEXN5080A	EXN5080A	SINGLE-MODE ARMOR LOOSE-TUBE O-PLANT 24-STRAND FIBER OPTIC CBL 1 FT	BLACK BOX CORP
DSEYN0737AB	EYN0737A-B	BULK CAT5E SOLID CABLE 1000' PVC, BEIGE BOX	BLACK BOX CORP
DSEYN851APB1000	EYN851A-PB-1000	GIGABASE 350 CAT5E BULK 1000FT, PVC, BLUE PLBOX	BLACK BOX CORP
DSEYN856APB1000	EYN856A-PB-1000	1000FT OF 10 BASE-T PLENUM CABLE - GRAY	BLACK BOX CORP
DSEZ7812	EZW-7812	COMBINATION TOOL FOR 1/2 IN AND 7/8 IN EZFIT CONNECTORS	COMMSCOPE TECHNOLOGI
DSF090CCS2	F090CCS2	WR90 FLEX TWIST,600MM,CPR90G/CPR90G 24IN	COMMSCOPE TECHNOLOGI
DSF090CCS3	F090CCS3	F090CCS3 WR90 FLEX TWIST 900MM CPR90G - CPR90CG 36IN	COMMSCOPE TECHNOLOGI
DSF112CCS2	F112CCS2	FLEXIBLE TWIST FOR WR112, 7.05?10.0 GHZ, CPR112G 600 MM	COMMSCOPE TECHNOLOGI
DSF137CCS2	F137CCS2	WR137 FLEX TWIST,600 MM, CPR137G/CPR137G	COMMSCOPE TECHNOLOGI
DSF1APNMNM3	F1A-PNMNM-3	(FSJ1-50A) 3FT-JUMPER W/TYPE N-MALE & N-MALE CONNECTORS	COMMSCOPE TECHNOLOGI
DSF1APNMNM8	F1A-PNMNM-8	(FSJ1-50A) 8FT-JUMPER W/TYPE N-MALE & N-MALE CONNECTORS	COMMSCOPE TECHNOLOGI
DSF1BPNMBM1M	F1B-PNMNM-1M	FSJ1-50A SUREFLEX JUMPER WITH INTERFACE TYPES N MALE AND BNC MALE, :	COMMSCOPE TECHNOLOGI
DSF1BPNMBM2M	F1B-PNMNM-2M	FSJ1 SUREFLEX ASSEMBLY 2M	COMMSCOPE TECHNOLOGI
DSF1DC116H	F1DC116H	LCD RACK CONSOLE, 16-PORT PRO3 KVM SWITCH	CDW DIRECT LLC
DSF1MU	F1MU	F1MU 1/4" MINI UHF MALE S FLEX CONNECTOR	COMMSCOPE TECHNOLOGI
DSF1PMBM	F1PMBM	F1-PMBM-3 3FT 1/4IN SUPERFLEX JUMPER W BNC MALE - BNC MALE	COMMSCOPE TECHNOLOGI
DSF1PMBM3	F1-PMBM-3	F1-PMBM-3 3FT 1/4IN SUPERFLEX JUMPER W BNC MALE - BNC MALE	COMMSCOPE TECHNOLOGI
DSF1PNF	F1PNF	F1PNF 1/4" TYPE N FEMALE SELF FLARE CONNECTOR	COMMSCOPE TECHNOLOGI
DSF1PNMMU8	F1-PNMNMU-8	(FSJ1-50A) 8FT-JUMPER W/TYPE N-MALE & MINI UHF-MALE CONNECTORS	COMMSCOPE TECHNOLOGI
DSF1TBM	F1TBM-C	F1TBM-C 1/4" BNC MALE CONNECTOR	COMMSCOPE TECHNOLOGI
DSF1TDF	F1TDF	7/16 FEMALE CONNECTOR, FSJ1-50	COMMSCOPE TECHNOLOGI
DSF1TDMC	F1TDM-C	F1TDM-C 7-16 DIN MALE FOR 1/4 IN FSJ1-50A CABLE	COMMSCOPE TECHNOLOGI
DSF1TNRHC	F1TNR-HC	TYPE N MALE RIGHT ANGLE FOR 1/4 IN FSJ1-50A CABLE	COMMSCOPE TECHNOLOGI
DSF1TTMC	F1TTM-C	TNC MALE FOR 1/4 IN FSJ1-50A CABLE	COMMSCOPE TECHNOLOGI
DSF4ADMDF3P	F4A-DMDF-3-P	(FSJ4-50B) 3FT-JUMPER W/TYPE 7-16 DIN-MALE & 7-16 DIN-FEMALE-PIM RATE	COMMSCOPE TECHNOLOGI
DSF4ADMDM3P	F4A-DMDM-3-P	(FSJ4-50B) 3FT-JUMPER W/TYPE 7-16 DIN-MALE & 7-16 DIN-MALE-PIM RATED	COMMSCOPE TECHNOLOGI
DSF4ADMDM4MP	F4A-DMDM-4M-P	FSJ4-50B 1/2" CABLE ASSY 7/16" DIN M STR - DIN M STR 4M (13.123 FT)	COMMSCOPE TECHNOLOGI
DSF4ADMDM7MP	F4A-DMDM-7M-P	FSJ4-50B 1/2" CABLE ASSY 7/16" DIN M STR - DIN M STR 7M (22.966 FT)	COMMSCOPE TECHNOLOGI
DSF4ADMDR2M5P	F4A-DMDR-2M5-P	FSJ4-50B 1/2" CABLE ASSY 7/16" DIN M STR - DIN M RIGHT 2.5M (8.202 FT)	COMMSCOPE TECHNOLOGI
DSF4ANMDM6P	F4A-NMDM-6-P	(FSJ4-50B) 6FT-JUMPER W/TYPES N-MALE & DIN-MALE CONNECTORS-PIM RAT	COMMSCOPE TECHNOLOGI
DSF4ANMNF3MP	F4A-NMNF-3M-P	(FSJ4-50B) 9 FT-JUMPER W/TYPES N-MALE & N-FEMALE CONNECTORS-PIM RA1	COMMSCOPE TECHNOLOGI
DSF4ANMNM10P	F4A-NMNM-10-P	(FSJ4-50B) 10FT-JUMPER W/TYPES N-MALE & N-MALE CONNECTORS-PIM RATE	COMMSCOPE TECHNOLOGI
DSF4ANMNM12P	F4A-NMNM-12-P	(FSJ4-50B) 12 FT-JUMPER W/TYPES N-MALE & N-MALE CONNECTORS-PIM RATI	COMMSCOPE TECHNOLOGI
DSF4ANMNM25P	F4A-NMNM-25-P	(FSJ4-50B) 25FT-JUMPER W/TYPES N-MALE & N-MALE CONNECTORS-PIM RATE	COMMSCOPE TECHNOLOGI
DSF4ANMNM3P	F4A-NMNM-3-P	(FSJ4-50B) 3FT-JUMPER W/TYPES N-MALE & N-MALE CONNECTORS-PIM RATED	COMMSCOPE TECHNOLOGI
DSF4ANMNM4P	F4A-NMNM-4-P	(FSJ4-50B) 4FT-JUMPER W/TYPES N-MALE & N-MALE CONNECTORS-PIM RATED	COMMSCOPE TECHNOLOGI
DSF4ANMNM6P	F4A-NMNM-6-P	(FSJ4-50B) 6 FT-JUMPER W/TYPES N-MALE & N-MALE CONNECTORS-PIM RATEI	COMMSCOPE TECHNOLOGI
DSF4ANMNM8P	F4A-NMNM-8-P	(FSJ4-50B) 8 FT-JUMPER W/TYPES N-MALE & N-MALE CONNECTORS-PIM RATEI	COMMSCOPE TECHNOLOGI
DSF4APNFD1M	F4A-PNFD-1M	HELIAX ANTENNA JUMPER, 7/16 DIN MALE TO N FEMALE, 1 METER	RFI AMERICAS INC
DSF4DMDM1MD	F4-DMDM-1M-D	D-CLASS FSJ4-50B SUREFLEX? JUMPER WITH INTERFACE TYPES 7-16 DIN MALE	COMMSCOPE TECHNOLOGI
DSF4DRC	F4DR-C	1/2" 7-16 DIN MALE RIGHT ANGLE CONNECTOR	COMMSCOPE TECHNOLOGI
DSF4NRHC	F4NR-HC	F4NR-HC 1/2" TYPE N MALE RIGHT ANGLE CONNECTOR	COMMSCOPE TECHNOLOGI
DSF4PDMV2C	F4PDMV2-C	F4PDMV2-C 1/2" 7-16 DIN MALE CONNECTOR	COMMSCOPE TECHNOLOGI
DSF4PNFBH	F4PNF-BH	F4PNF-BH N FEMALE CONN BULKHEAD PLATED FOR FSJ4-50	COMMSCOPE TECHNOLOGI
DSF4PNMV2	F4PNMV2	F4PNMV2 1/2" TYPE N MALE CONNECTOR IN FSJ4-50B CABLE	COMMSCOPE TECHNOLOGI
DSFA461	FA461	DVI MALE TO VGA HD15 FEMALE ADAPTER	BLACK BOX CORP

DSFC1B113BC21B	FC1B-113B-C21-B	F SERIES TERAFRAME GEN 3 CABINET, 79.4HX 23.6WX 32.5D	ANIXTER INC
DSFDP1010	FDP-1010	FUSE DISTRIBUTION PANEL FDP-1010	NEWMAR
DSFEDSI350AMP	P35-60MO-C8-PS-VH	150-174MHZ, 350 W OUT, 60W IN W/INTEGRATED PS UL APPROVED	CRESCEND TECHNOLOGIE
DSFF11113BC41B	FF11-113BC41B	F SERIES TERRAFRAME CABINET, 600WX1050DX45U	ANIXTER INC
DSFF1G113BC42B	FFIG-113B-C42-B	45U TERAFRAME CABINET 84.6MM X23.6MM X43.3MM	ANIXTER INC
DSFF1L111BC51B	FF1L-111B-C51-B	TERAFRAME, 6SL, SQ 600WX1050DX46U PM,SM BK	ANIXTER INC
DSFF1P113CC22B	FF1P-113C-C22B	CHATSWORTH F SERIES TERAFRAME CABINET	ANIXTER INC
DSFM805R2	FM805R2	RJ45 MODULAR SPLITTER UNSHIELDED	BLACK BOX CORP
DSFM820R2	FM820R2	RJ45 MODULAR SPLITTER UNSHIELDED WITH 2.5 INCH CABLE	BLACK BOX CORP
DSFMT925R2	FMT925-R2	GIGABASE2 CAT5E JACK KEYSTONE OFFICE WHITE	BLACK BOX CORP
DSFMTP5ES10PK	FMTP5ES-10PAK	CAT 5E MODULAR PLUGS SHIELDED, MALE CONNECTOR 10PK	BLACK BOX CORP
DSFOCMPSM030MSCSCY	FOCMPSM-030M-SCSC-YL	SINGLE-MODE, 9MICRON DUPLEX FIBER OPTIC CABLE, SC2SC, PLENUM, 30M	BLACK BOX CORP
DSFOSM001MSTLC	FOSM-001M-STLC	BLACK BOX CONNECT 9-MICRON SINGLE-MODE FIBER OPTIC PATCH CABLE DU	BLACK BOX CORP
DSFOT109	FOT109	FIBER OPTIC COUPLING, ST?ST, 3/8IN DIA MNTG, MULTIMODE, SIMPLEX	BLACK BOX CORP
DSFSA1041DIN	FSA10-41-DIN	DIRECTIONAL DIPOLE ARRAY, 5 DBD, 106 DEG BW, 148-174 MHZ, PIM RATED	RFI AMERICAS INC
DSFSA1067DIN	FSA10-67-DIN	DIRECTIONAL DIPOLE ARRAY 5DBD, 130 DEG BW, 406-512MHZ, PIM RATED	RFI AMERICAS INC
DSFSA2041DIN	FSA20-41-DIN	DIRECTIONAL DIPOLE ARRAY 7DBD, 108 DEG BW, 148-174 MHZ, PIM RATED	RFI AMERICAS INC
DSFSA2067DIN	FSA20-67-DIN	DIRECTIONAL DIPOLE ARRAY, 7DBD, 130 DEG BW, 406-512 MHZ, PIM RATED	RFI AMERICAS INC
DSFSA4067DIN	FSA40-67-DIN	DIRECTIONAL DIPOLE ARRAY, 9 DBD, 132 DEG BW, 406-512 MHZ, PIM RATED	RFI AMERICAS INC
DSFT8130A	FT8130A	CABLE TIES, 100-PACK, LONG, 14.5 IN (36.8-CM) LENGTH	BLACK BOX CORP
DSGB02519TU	GB-02519T-U	GB-02519T-U,TIN PLATED, 1/4 X 2-1/2 X 19-1/2, W/UNIVERSAL HARDWARE KIT	TRIOLOGY COMMUNICATIO
DSGB0420U	GB-0420-U	GB-0420-U, COPPER, 1/4" X 4" X 20", W/ UNIVERSAL HARDWARE KIT	TRIOLOGY COMMUNICATIO
DSGB19400	GB19400	3RU, 19 INCH 400A GROUND BAR	LAMARCHE MFG CO
DSGBIT14412J2T	GBIT14412J2T	GROUND BAR, 1/4X4X12 WITH TAIL 2T TAIL	HARGER INC
DSGCB19200	GCB19200	SPLIT BUT GROUND/CHARGE BAR	LAMARCHE MFG CO
DSGJ300M	GJ300M	INVERTER BREAKER KIT:CB 300A,1P, GJ, M-TRIP AUX	ELTEK INC
DSGKS114158AC	GK-S114/158AC	GK-S114/158AC, STD GROUND KIT FOR 1-1/4" & 1-5/8" AIRCELL COAX	TRIOLOGY COMMUNICATIO
DSGKS12AC	GK-S12AC	GK-S12AC, STD GROUND KIT FOR 1/2" AIRCELL COAX	TRIOLOGY COMMUNICATIO
DSGKS78AC	GK-S78AC	GK-S78AC, STD GROUND KIT FOR 7/8" AIRCELL COAX	TRIOLOGY COMMUNICATIO
DSGKT158SG	GKT-158SG	1-5/8IN GROUNDING KIT PREP TOOL	COMMSCOPE TECHNOLOGI
DSGL36WMS	GL36WMS	GREAT LAKES GL36WMS WM SWINGOUT CAB 36X21.25X24.5X19	ANIXTER INC
DSGL600E2432	GL600E-2432P	GREAT LAKES E SERIES CABINET 60INH X 24INW X 32IN 31 RU	ANIXTER INC
DSGMAE4258B	GMAE4258B	380-410MHZ EFIT CVERT ANT/BNC ADTR	PANORAMA ANTENNAS IN
DSGMAE4494B	AFGB-S1	FLEXIBLE UHF WHIP ANTENNA	PANORAMA ANTENNAS IN
DSGMT0200	GMT0200	FUSE, GMT, 2 AMP	ELTEK INC
DSGMT1000	GMT1000	FUSE, GMT, 10 AMP	ELTEK INC
DSGP2	GP2	GROUND PLANE ADJUSTABLE 0 DBD, 148-174 MHZ, 15 MHZ BW N	RFI AMERICAS INC
DSGPIN2091	GP-IN2091	GPSB MULTI BAND ANT + CABLES KIT	PANORAMA ANTENNAS IN
DSGPSANTPNM03D	GPSANTPNM03D	ANT,ANT,GPS ANT W/O MT	CAMBUM NETWORKS LIM
DSGPSG1000	GPSG-1000	GPSG-1000 TWELVE SATELLITE SIMULATOR	AEROFLEX WICHITA INC
DSGPSKMS1GMOTSP	GPSKM-S1G-MOT-SP	GPSK 26DB MAG 3DB 380-400 SMA/BNC	PANORAMA ANTENNAS IN
DSGS1209424114	GS120942411/4	GROUND STRAP 1/2X094X24 1-HOLE 1/4	HARGER INC
DSGS1209436114	GS120943611/4	GROUND STRAP 1/2 X 094 X 36 1-HOLE 1/4 IN LUG	HARGER INC
DSGSAKITN	POLYPHASER GSA-KIT-N	GROUND STRAP KIT (GSA-KIT-N)	TRANSTECTOR SYSTEMS
DSGTNFMAL	POLYPHASER GT-NFM-AL	DC-7 GHZ GAS TUBE SURGE	TRANSTECTOR SYSTEMS
DSGTS200ID	20001015	AUTOMATIC TRANSFER SWITCH, 200A, 120/240V 1-PH, NEMA 1 (GTS SERIES)	GENERAC POWER SYSTEM
DSGTS200ID3PH	20001025	AUTOMATIC TRANSFER SWITCH, 200A, 120/208V 3-PH, NEMA 1 (GTS SERIES)	GENERAC POWER SYSTEM
DSGTS200OD	20001016	AUTOMATIC TRANSFER SWITCH, 200A, 120/240V 1-PH, NEMA 3R (GTS SERIES)	GENERAC POWER SYSTEM
DSGTS200OD3PH	20001026	AUTOMATIC TRANSFER SWITCH, 200A, 120/208V 3-PH, NEMA 3R (GTS SERIES)	GENERAC POWER SYSTEM
DSGTS300ID	20002204	AUTOMATIC TRANSFER SWITCH, 300A, 120/240V 1-PH, NEMA 1 (GTS SERIES)	GENERAC POWER SYSTEM
DSGTS300ID3PH	20002206	AUTOMATIC TRANSFER SWITCH, 300A, 120/208V 3-PH, NEMA 1 (GTS SERIES)	GENERAC POWER SYSTEM
DSGTS300OD	20002205	AUTOMATIC TRANSFER SWITCH, 300A, 120/240V 1-PH, NEMA 3R (GTS SERIES)	GENERAC POWER SYSTEM
DSGTS300OD3PH	20002207	AUTOMATIC TRANSFER SWITCH, 300A, 120/208V 3-PH, NEMA 3R (GTS SERIES)	GENERAC POWER SYSTEM
DSGTS400ID	20001029	AUTOMATIC TRANSFER SWITCH, 400A, 120/240V 1-PH, NEMA 1 (GTS SERIES)	GENERAC POWER SYSTEM
DSGTS400ID3PH	20001034	GENERAC GTS INDOOR ATS 400A 3 PHASE	GENERAC POWER SYSTEM
DSGTS400OD	20001032	AUTOMATIC TRANSFER SWITCH, 400A, 120/240V 1-PH, NEMA 3R (GTS SERIES)	GENERAC POWER SYSTEM
DSGTS400OD3PH	20001036	AUTOMATIC TRANSFER SWITCH, 400A, 120/208V 3-PH, NEMA 3R (GTS SERIES)	GENERAC POWER SYSTEM
DSGTS600ID3PH	20016167	AUTOMATIC TRANSFER SWITCH, 600A, 120/208V 3-PH, NEMA 1 (GTS SERIES)	GENERAC POWER SYSTEM
DSGTS600OD3PH	20016172	600 AMP 3 PHASE OUTDOOR ATS	GENERAC POWER SYSTEM
DSGUB4240	GUB-4240	GALVANIZED U-BOLT ASSEMBLY, 1/2 IN X 2-1/2 IN X 4 IN	COMMSCOPE TECHNOLOGI
DSGUB4355	GUB-4355	U-BOLT GALV 1/2IN X 3-5/8IN X 5IN(EA)	COMMSCOPE TECHNOLOGI
DSGXT348VBATT	GXT3-48VBATT	EXTERNAL BATTERY FOR USE WITH 500-2000 VA RACK TOWER MODELS	CELL MANAGEMENT SYST
DSGXT37A48BATKIT	GXT3-7A48BATKIT	REPLACEMENT BATTERY KIT FOR USE WITH 2000 VA RACK TOWER MODELS	CELL MANAGEMENT SYST
DSGXT4288VBATT	GXT4-288VBATT	GXT4 288VDC RACK TOWER EXT BAT CABINET	CELL MANAGEMENT SYST
DSGXTCARDCL	GXTCARDCL	CONTACT CARD & 40' CABLE FOR GXT SERIES (FOR REMOTE MONITORING)	CELL MANAGEMENT SYST
DSGXTR04504315	DSGXTR04504315	UPS, GXT3 RACKMT 500VA/450W, 315 MIN RUNTIME	CELL MANAGEMENT SYST
DSGXTR06301060	DSGXTR06301060	UPS, GXT RACKMOUNT 700VA/630W, 60 MIN RUNTIME 120V SOFTWIRED	CELL MANAGEMENT SYST
DSGXTR06305300	DSGXTR06305300	UPS, GXT RACKMOUNT 700VA/630W, 300 MIN RUNTIME 120V SOFTWIRED	CELL MANAGEMENT SYST
DSGXTR06306324	DSGXTR06306324	UPS, GXT RACKMOUNT 700VA/630W, 324 MIN RUNTIME 120V SOFTWIRED	CELL MANAGEMENT SYST
DSGXTR09001038	DSGXTR09001038	UPS, GXT RACKMOUNT 1000VA/900W,38 MIN RUNTIME 120V SOFTWIRED	CELL MANAGEMENT SYST
DSGXTR0900N007	DSGXTR0900N007	UPS, GXT RACKMOUNT 1000VA/900W, 7 MIN RUNTIME 120V SOFTWIRED	CELL MANAGEMENT SYST

DSGXTR18001020	DSGXTR18001020	UPS, GXT RACKMOUNT 2KVA/1.8KW, 120/120V, 20 MIN RUNTIME	CELL MANAGEMENT SYST
DSGXTR18002038	&#8203;DSGXTR18002038	UPS, GXT RACKMOUNT 2KVA/1.8KW, 120/120V, 38 MIN RUNTIME	CELL MANAGEMENT SYST
DSGXTR1800N0035YR	GXTR1800N003+3 YR WARRANTY	UPS, GXT RACKMT 2KVA/1.8KW, 3 MIN RUNTIME W/ 5 YEAR WARRANTY	CELL MANAGEMENT SYST
DSGXTR27004081	DSGXTR27004081	UPS, GXT RACKMOUNT 3KVA/2.7KW, 81 MIN RUNTIME, 120V	CELL MANAGEMENT SYST
DSGXTR48002025HW	DSGXTR48002025HW	UPS, GXT RACKMNT 6KVA/4.8KW, 25 MINUTE RUNTIME HARDWIRED W/MBB	CELL MANAGEMENT SYST
DSGXTR48003036HW	DSGXTR48003036HW	UPS, GXT RACKMNT 6KVA/4.8KW, 36 MINUTE RUNTIME HARDWIRED W/MBB	CELL MANAGEMENT SYST
DSGXTR9000N005HW	DSGXTR9000N005HW	UPS, GXT RACKMOUNT 10KVA/9KW, 5 MIN RUN 208V W/MBB HARDWIRED	CELL MANAGEMENT SYST
DSGXTT04501092	DSGXTT04501092	UPS, GXT TOWER 500VA/450W, 120/120V, 92 MIN RUNTIME	CELL MANAGEMENT SYST
DSGXTT04504315	GXTT04504315	UPS, GXT TOWER 500VA/450W, 315 MIN RUNTIME 120/120V SOFTWIRED	CELL MANAGEMENT SYST
DSGXTT0450N017	DSGXTT0450N017	UPS, GXT TOWER 500VA/450W,17 MINUTE RUNTIME 120/120V SOFTWIRED	CELL MANAGEMENT SYST
DSGXTT09001038	DSGXTT09001038	UPS, GXT TOWER 1000VA/900W, 120V, 38 MIN RUNTIME SOFTWIRED	CELL MANAGEMENT SYST
DSGXTT09003124	DSGXTT09003124	UPS, GXT4 TWR 1000VA/900W, 120V, 124 MIN RUNTIME	CELL MANAGEMENT SYST
DSGXTT0900N007	DSGXTT0900N007	UPS, GXT TOWER 1000VA/900W, 120V, 7 MIN RUNTIME SOFTWIRED	CELL MANAGEMENT SYST
DSGXTT18001020	DSGXTT18001020	UPS, GXT TOWER 2KVA/1.8KW, 120/120V, 20 MIN RUNTIME SOFTWIRED	CELL MANAGEMENT SYST
DSGXTT1800N003	DSGXTT1800N003	UPS, GXT TOWER 2KVA/1.8KW, 120/120V, 3 MIN RUNTIME SOFTWIRED	CELL MANAGEMENT SYST
DSH3CPUSENAI6	H-3-CPUSE-N-AI6	AIR DIELECTRIC HYBRID COUPLER, 698?2700 MHZ	COMMSCOPE TECHNOLOGI
DSH5PDFS	H5PDF-S	7-16 DIN FEMALE W/GAS BARRIER FOR 7/8 IN HJ5-50 AIR DIELECTRIC CABLE	COMMSCOPE TECHNOLOGI
DSH5PDM5	H5PDM-S	7-16 DIN MALE WITH GAS BARRIER FOR 7/8 IN HJ5-50 AIR DIELECTRIC CABLE	COMMSCOPE TECHNOLOGI
DSH5PNF5	H5PNF-S	7/8IN N FEMALE CONN WITH GAS BARRIER FOR HJ5-50 AIR DIELECTRIC CABLE	COMMSCOPE TECHNOLOGI
DSH5PNM5	H5PNM-S	7/8IN N MALE CONN WITH GAS BARRIER FOR HJ5-50 AIR DIELECTRIC CABLE	COMMSCOPE TECHNOLOGI
DSHBLANKVB	HBLANK-VB	BLANK H-RECTIFIER BLACK FACEPLATE	ELTEK INC
DSHC00008F	HC000-08F	HC000-08F, 8 CH HYBRID SHORT HAUL BROADBAND COMBNR COVERS 100-960MHZ	DBSPECTRA
DSHC00016F	HC000-16F	HC000-16F, 16 CH HYBRID SHORT HAUL BROADBAND COMBNR COVERS 100-960MHZ	DBSPECTRA
DSHC0110008F	HC01100-08F	CONTROL STATION COMBINER, 746-806MHZ 8 CHANNEL LOW PROFILE 1RU	DBSPECTRA
DSHC0130008F	HC01300-08F	HC01300-08F, 806-869 MHZ 8 CH CNTRL STATION COMBINER	DBSPECTRA
DSHC1020002J	HC10200-02J	HC10200-02J, 2CH 800 MHZ HYBRID TX COMBINER, 850-960MHZ	DBSPECTRA
DSHC1020003J	HC10200-03J	HC10200-03J, HYBRID TX COMBINER 3 CH 850-960 MHZ LOW PROFILE 2 RU	DBSPECTRA
DSHC1020004J	HC10200-04J	HC10200-04J, HYBRID TX COMBINER 4 CH 850-960 MHZ LOW PROFILE 2 RU	DBSPECTRA
DSHC1020008J	HC10200-08J	HC10200-08J, HYBRID TX COMBINER 8CH 850-960MHZ, 100W, LOW PROFILE 2 RU	DBSPECTRA
DSHC1040003J	HC10400-03J	HC10400-03J, 400-472 MHZ 3 CH HYBRID TX COMBINER LOW PROFILE 2 RU	DBSPECTRA
DSHC1040004J	HC10400-04J	HC10400-04J, 400-475 MHZ 4 CH HYBRID TX COMBINER LOW PROFILE 2 RU	DBSPECTRA
DSHC1050002J	HC10500-02J	HC1050002J, 2 CHANNEL TRANSMIT HYBRID COMBINER, 150-174MHZ	DBSPECTRA
DSHC1050004J	HC10500-04J	HC10500-04J, 150-174 MHZ 4 CH HYBRID TX COMBINER LOW PROFILE 2 RU	DBSPECTRA
DSHC1060004J	HC10600-04J	HC10600-04J, 450-512 MHZ 4 CH HYBRID TX COMBINER LOW PROFILE 2 RU	DBSPECTRA
DSHC110T112F	HC110T1-12F	HC110T1-12F, 764-869 MHZ 12 CH HYBRID CNTRL STATION COMBINER	DBSPECTRA
DSHC111W124F	HC111W1-24F	HC111W1-24F, 746-806 MHZ 24 CH HYBRID CNTRL STATION COMBINER	DBSPECTRA
DSHC112U112F	HC112U1-12F	HC112U1-12F, 896-960 MHZ 12 CH HYBRID CNTRL STATION COMBINER	DBSPECTRA
DSHC114S104F	HC114S1-04F	HC114S1-04F, 400-475MHZ 4 CH HYBRID CNTRL STATION COMBINER	DBSPECTRA
DSHC116P108F	HC116P1-08F	HC116P1-08F, 450-512MHZ 8 CH HYBRID CNTRL STATION COMBINER	DBSPECTRA
DSHC116P112F	HC116P1-12F	HC116P1-12F, 450-512MHZ 12 CH HYBRID CNTRL STATION COMBINER	DBSPECTRA
DSHC117M104F	HC117M1-04F	HC117M1-04F, 380-420MHZ 4 CH HYBRID CNTRL STATION COMBINER	DBSPECTRA
DSHDMM3	HDMM3	STARTECH 3FT HDMI CABLE	CDW DIRECT LLC
DSHDMM6	HDMM6	STARTECH 6FT HDMI CABLE	CDW DIRECT LLC
DSHDW-2358H	HDW-2358H	PTP 300/500/600 SERIES BLANKING PLUG PACK (QTY 10)	CAMBUIUM NETWORKS LIM
DSHG114	HG-114	HG-114, LACE-UP HOISTING GRIP FOR 1-1/4" AIRCELL COAX	TRIOLOGY COMMUNICATIO
DSHG12	HG-12	HG-12, LACE-UP HOISTING GRIP FOR 1/2" AIRCELL COAX	TRIOLOGY COMMUNICATIO
DSHG158	HG-158	HG-158, LACE-UP HOISTING GRIP FOR 1-5/8" AIRCELL COAX	TRIOLOGY COMMUNICATIO
DSHG78	HG-78	HG-78, LACE-UP HOISTING GRIP FOR 7/8" AIRCELL COAX	TRIOLOGY COMMUNICATIO
DSHJ550	HJ550	CABLE: 7/8" STANDARD AIR DIELECTRIC COAXIAL, BLACK PE JACKET , PER FT	COMMSCOPE TECHNOLOGI
DSHJ5RPV50	HJ5RPV-50	HJ5RPV-50 7/8IN AIR CABLE CATVP RATED HELIAX	COMMSCOPE TECHNOLOGI
DSHJ7RPV50	HJ7RPV-50	HJ7RPV-50 1 5/8IN AIR CABLE CATVP RATED HELIAX	COMMSCOPE TECHNOLOGI
DSHK1947A	HK1947A	UNIV MTG BRACKET HEAVY DUTY 25 PK	CAMBUIUM NETWORKS LIM
DSHK1948A	HK1948A	SURGE SUPPRESSOR 25 BULK PK	CAMBUIUM NETWORKS LIM
DSHK2022A	HK2022A	53CM OFFSET, REFLECTOR DISH KIT, 4PK	CAMBUIUM NETWORKS LIM
DSHL4RPV50	HL4RPV-50	HL4RPV-50 1/2IN PLENUM AIR DI ELECTRIC 50 OHM COPPER	COMMSCOPE TECHNOLOGI
DSHM23DCUNVV	HM23D-CUN-VV	H-SERIES, 19", BULK OUTPUT SHELF	ELTEK INC
DSHNNM744	D11SKLL, D11S3LL, D11RCLL	IBM SECURITY NETWORK PROTECTION XGS 3100 - LICENSE AND SW	CDW DIRECT LLC
DSHS400	HS-400	HS-400 HEAVY DUTY STAND-OFF BRACKET, 2-3/8 IN OD X 42 IN	COMMSCOPE TECHNOLOGI
DSHS4RP50	HS4RP-50	HS4RP-50 CABLE: 1/2" AIR PLENUM CATVP	COMMSCOPE TECHNOLOGI
DSHS600	HS-600	HS-600 BRACKET, 72" HEAVY DUTY STAND-OFF (EA)	COMMSCOPE TECHNOLOGI
DSHVL126T	HVL-126-T	DDB UNLIMITED 110 V.DUAL FAN KIT W/ ADJUSTABLE THERMOSTAT-210CFM	ANIXTER INC
DSHW0000500011	HW0000-5000-11	SUPPORT BRACKETS 19IN RACK MOUNT (1SET)	RFI AMERICAS INC
DSI2R1CP120V	1101-627	TYPE-3 IN LINE SPD FOR 120V	TRANSTECTOR SYSTEMS
DSI2RSA4840	1102-014-38-2	OPERATING VOLTAGE MODULE: 48 VAC OR DC	TRANSTECTOR SYSTEMS
DSIBAR1220T	IBAR12-20T	SURGE SUPPRESSOR, 12 OUTLETS 15' CORD 1280 JOULES ISOBAR	TRIPP LITE MANUFACTU
DSIC400A	IC400A	4 PORT CAT5 USB 2.0 EXTENDER - US PLUG	BLACK BOX CORP
DSICST	ICST	ICST, INNER CONDUCTOR STRIP TOOL	TRIOLOGY COMMUNICATIO
DSICSTRB	ICST-RB	ICST-RB, INNER CONDUCTOR STRIP TOOL REPLACEMENT BLADE	TRIOLOGY COMMUNICATIO
DSIMACS200R48VDC	IMACS-200-RDNT-48VDC	BASE IMACS 200 SYSTEM E/W REDUNDANT -48VDC POWER SUPPLY	PRODUCT SOURCE INTER
DSIMACS200RDNTAC	IMACS-200-RDNT-AC	BASE IMACS 200 SYSTEM E/W REDUNDANT 120/220 VAC POWER SUPPLY	PRODUCT SOURCE INTER
DSINV1548LMC	INV1548-LMC	1500W, INVERTER MODULE	LAMARCHE MFG CO



DSIPMUX1EDC4EMUTP	IPMUX-1E/DC/4E&M/UTP	TDMOIP GW, DC, 4E&M , 10/100 BT ETH, NW	RAD DATA COMMUNICATI
DSIPS2422	IPS-24-22	POWER SYSTEM, IPS-24-22	NEWMAR
DSISS50NC0MA	POLYPHASER IS-50NX-C0-MA	RF SPD, 1.5-700MHZ DC BLOCK FLANGE MT NM ANTENNA, NF EQUIPMENT SID	TRANSTECTOR SYSTEMS
DSISS50NC0ME	POLYPHASER IS-50NX-C0-ME	DC BLOCK 1.5MHZ TO 700MHZ MALE EQUIPMENT CONNECTOR	TRANSTECTOR SYSTEMS
DSISS50NC2MA	POLYPHASER IS-50NX-C2-MA	RF SPD, 125-1000MHZ DC BLOCK FLANGE MT NM ANTENNA, NF EQUIPMENT S	TRANSTECTOR SYSTEMS
DSISS50NC2ME	POLYPHASER IS-50NX-C2-ME	COMBINER COAX PROTECTOR FLANGE MT	TRANSTECTOR SYSTEMS
DSISB50HNC0MA	POLYPHASER IS-B50HN-C0-MA	RF SPD, 1.5-700MHZ DC BLOCK BULKHEAD MT NM ANTENNA, NF EQUIPMENT	TRANSTECTOR SYSTEMS
DSISB50HNC2	POLYPHASER IS-B50HN-C2	RF SPD, 125-1000MHZ DC BLOCK BULKHEAD MT NF ANTENNA, NF EQUIPMENT	TRANSTECTOR SYSTEMS
DSISB50HNC2ME	POLYPHASER IS-B50HN-C2-ME	COAX PROTECTOR BULKHEAD	TRANSTECTOR SYSTEMS
DSISB50LNC0MA	POLYPHASER IS-B50LN-C0-MA	PDU, DC BLOCK, 1.5MHZ TO 700MHZ, MALE ANTENNA CONNECTOR	TRANSTECTOR SYSTEMS
DSISB50LNC2	POLYPHASER IS-B50LN-C2	RF SPD, 10-1000MHZ DC BLOCK BROADBAND BULKHEAD MT, NF ANT, NF EQUI	TRANSTECTOR SYSTEMS
DSISB50LNC2MA	POLYPHASER IS-B50LN-C2-MA	RF SPD, 125-1000MHZ DC BLOCK BROADBAND BULKHEAD MT, NM ANT, NF EQ	TRANSTECTOR SYSTEMS
DSISNEMPC0MA	IS-NEMP-C0-MA	RF SPD, 1.5-700 MHZ, COAXIAL NUCLEAR EMP, NM ANTENNA NF EQUIPMENT	TRANSTECTOR SYSTEMS
DSISNEMPC2	POLYPHASER IS-NEMP-C2	EMP COAX PROTECTOR 125 MHZ	TRANSTECTOR SYSTEMS
DSISNEMPC2ME	IS-NEMP-C2-ME	RF SPD, NUKE EMP 125MHZ-1000MHZ, NF/NM CONNECTOR	TRANSTECTOR SYSTEMS
DSISO481224	ISO4812-24	CONVERTER, ISOLATED DC-DC	ASTRON CORP
DSISOBAR12ULTRA	ISOBAR12ULTRA	SURGE SUPPRESSOR, 12 OUTLETS 15' CORD 1280 JOULES ISOBAR ULTRA	TRIPP LITE MANUFACTU
DSISOBAR4ULTRA	ISOBAR4 ULTRA	SURGE SUPPRESSOR, 4 OUTLETS 6' CORD 2200 JOULES ISOBAR ULTRA	TRIPP LITE MANUFACTU
DSISOBAR6ULTRAHG	ISOBAR6ULTRAHG	SPD, 6 HOSPITAL-GRADE OUTLETS, 15-FT. CORD, 3300 JOULES	TRIPP LITE MANUFACTU
DSISOBAR8ULTRA	ISOBAR8 ULTRA	SURGE SUPPRESSOR,8 OUTLETS 12' CORD 2350 JOULES ISOBAR ULTRA	TRIPP LITE MANUFACTU
DSISRELAY	IS-RELAY	MONITORING-CONTACT CLOSURE CARD LIEBERT GXT, APS, NFINITY, NX	CELL MANAGEMENT SYST
DSISWEBCARD	IS-WEBCARD	LIEBERT INTELLISLOT WEBCARD FOR APS, NFINITY & GXT UPS (REMOTE COMM	CELL MANAGEMENT SYST
DSIX2L1M1DC48IG	IX-2L1M1DC48-IG	SPD, HPD GPS DATA LINE, 48VDC, HARD WIRE WITH ISOLATED GROUNDING	TRANSTECTOR SYSTEMS
DSIX2N	IX-2N	RF SPD, DATA 2 PAIR 64V 25MB/S DATA WITH WEATHER PROOF ENCLOSURE	TRANSTECTOR SYSTEMS
DSIX4DC24	IX-4DC 24	SPD, MODULAR, UL 497B, 24 VDC FOR 4 DC PAIRS OUTDOOR ENCLOSURE	TRANSTECTOR SYSTEMS
DSIX4U19KKIT	IX4U19KKIT	INVERTER KIT, 3KVA, CONTROLLER, STATIC SWITCH, BYPASS, 8 OUTLETS	LAMARCHE MFG CO
DSIX4U23KKIT	IX4U23KKIT	INVERTER KIT, CONTROLLER, STATIC SWITCH, BYPASS, 8 OUT, (2) 1500W INV	LAMARCHE MFG CO
DSIX5M	IX-5M	6X DATA 25 MHZ 30V INDOOR	TRANSTECTOR SYSTEMS
DSIX5U19KIT3	IX5U19KIT3	INVERTER SYSTEM KIT, 6KVA INCL CONTROLLER, STATIC SWITCH, 19 IN	LAMARCHE MFG CO
DSIX5U19KKIT	IX5U19KKIT	19IN, 6KVA INVERTER SYS KIT INCL CONTROLLER, STATIC SWITCH, (4) 1500W	LAMARCHE MFG CO
DSIX6M	IX-6M	6X DATA 25 MHZ 30V INDOOR	TRANSTECTOR SYSTEMS
DSIX6U19KIT6NM	IX6U19KIT6NM	6U, 19IN IX SYSTEM, 9KVA W/ RM MODULE ONLY SHELF NO MAINTENANCE BY	LAMARCHE MFG CO
DSJAU012DMDM10	JAU012DMDM10	JAU012DMDM10, 1/2" 10 FT JUMPER WITH 7/16 DIN MALE CONNECTOR EACH	TRIOLOGY COMMUNICATIO
DSJAU012DMDM15	JAU012DMDM15	JAU012DMDM15, 1/2IN 15 FT JUMPER WITH 7/16 DIN MALE CONNECTOR EACI	TRIOLOGY COMMUNICATIO
DSJAU012DMDM20	JAU012DMDM20	JAU012DMDM20, 1/2IN 20 FT JUMPER WITH 7/16 DIN MALE CONNECTOR EACI	TRIOLOGY COMMUNICATIO
DSJAU012DMDM4	JAU012DMDM4	JAU012DMDM4, 1/2IN 4 FT JUMPER WITH 7/16 DIN MALE CONNECTOR EACH E	TRIOLOGY COMMUNICATIO
DSJAU012DMDM6	JAU012DMDM6	JAU012DMDM6, 1/2IN 6FT JUMPER WITH 7/16 DIN MALE CONNECTOR EACH E	TRIOLOGY COMMUNICATIO
DSJAU012DMNM10	JAU012DMNM10	1/2" 10 FT JUMPER WITH 7/16 DIN MALE / N MALE CONNECTORS	TRIOLOGY COMMUNICATIO
DSJAU012FNFM10	JAU012FNFM10	JAU012FNFM10, 1/2IN 1 FT JUMPER WITH N MALE-N FEMALE CONNECTORS	TRIOLOGY COMMUNICATIO
DSJAU012NFNM10	JAU012NFNM10	JAU012NFNM10, 1/2IN 1 FT JUMPER WITH N MALE-N FEMALE CONNECTORS	TRIOLOGY COMMUNICATIO
DSJAU012NMNM10	JAU012NMNM10	JAU012NMNM10, 1/2" 10 FT JUMPER WITH N MALE CONNECTOR EACH END	TRIOLOGY COMMUNICATIO
DSJP601	JP601	TELCO SPLICE BLOCKS (CATEGORY 3 RATED), TYPE 66, 25	BLACK BOX CORP
DSJP650	JP650	TELCO SPLICE BLOCK BRIDGING CLIPS - 50 PIECES	BLACK BOX CORP
DSJPB654	JPB654	SURFACE-MOUNT BOX, SINGLE-GANG, OFFICE WHITE	BLACK BOX CORP
DSJPM111AR5	JPM111A-R5	ECONOMY CAT5E PATCH PANEL- 24 PORT	BLACK BOX CORP
DSJPM112AR5	JPM112A-R5	ECONOMY CAT5E, 32 PORT RJ45 PATCH PANEL	BLACK BOX CORP
DSJPM375AR2	JPM375A-R2	12 DUPLEX MM SC ADAPTERS INSTALLED	BLACK BOX CORP
DSJPM407AR5	JPM407A-R5	FIBER RACKMOUNT CABINET 3 ADAPTER ? SHELF	BLACK BOX CORP
DSJPM418AR5	JPM418A-R5	RACKMOUNT FIBER ENCLOSURE - 2U, 6-PANEL	BLACK BOX CORP
DSJPM450C	JPM450C	STANDARD ADAPTER PANEL, CERAMIC SLEEVES, (3) DUPLEX ST PAIRS, BLUE	BLACK BOX CORP
DSJPM455CR2	JPM455C-R2	(LC CERAMIC, 6, DUPLEX) FIBER ADAPTER PANEL-BLUE	BLACK BOX CORP
DSJPM460C	JPM460C	FIBER ADAPTER PANEL, ST CERAMIC, 6, DUPLEX, BLUE	BLACK BOX CORP
DSJPM804AR2	JPM804A-R2	FEED THROUGH PATCH PANEL - SHIELDED - 24 PORT	BLACK BOX CORP
DSJPM814A	JPM814A	CAT 6 SHEILDED 24 PORT FEED THROUGH	BLACK BOX CORP
DSJPM152A	JPMT152A	TELCO CAT 5 24-PORT PATCH PANEL, T568B WIRING-1RU	BLACK BOX CORP
DSJPS60A24	JPS60A-24	CAT6 SHIELDED PATCH PANEL 24 PORT	BLACK BOX CORP
DSJSS100SSH	JS-S100-SSH	PIPE TO PIPE ADAPTER TPD 2-3/8IN THRU 4IN OD TO 4IN THRU 9IN OD PIPE	COMMSCOPE TECHNOLOGI
DSKA7170	KA7170 (ATEN) 1823508 (CDW)	ATEN USB KVM ADAPTER CABLE (CPU MODULE)	CDW DIRECT LLC
DSKA7176	KA7176 ATEN (1823514 CDW)	ATEN VIRTUAL MEDIA KVM USB ADAPTER CABLE	CDW DIRECT LLC
DSKA7240	KA7240 ATEN (2074575 CDW)	ATEN VIRTUAL MEDIA PS/2-USB CONSOLE MODULE	CDW DIRECT LLC
DSKH1508A	2480478	ATEN 8-PORT CAT5 KVM SWITCH	CDW DIRECT LLC
DSKL9116MUKIT	KL9116MUKIT (ATEN)	ATEN 16-PORT 2 USER IP LCD KVM	CDW DIRECT LLC
DSKM0932	KM0932 ATEN (2158967 CDW)	ATEN 32-PORT 9 USER KVM SWITCH	CDW DIRECT LLC
DSKV0004AR2	KV0004A-R2	SERVER SWITCH FREEDOM II- 4 PORT KEYBOARD MOUSE W/ GLIDE	BLACK BOX CORP
DSKV0081A	KV0081A	8 PORT CAT XMULTIPLATFORM	BLACK BOX CORP
DSKV0416AR2	KV0416A-R2	CATX KVM SWITCH 4 USERS BY 16 SERVERS	BLACK BOX CORP
DSKV0424AR2	KV0424A-R2	CATX KVM SWITCH 4 USERS BY 24 SERVERS	BLACK BOX CORP
DSKV04AREM	KV04A-REM	CX REMOTE UNIT WITH AUDIO	BLACK BOX CORP
DSKV04ASREM	KV04AS-REM	CX REMOTE UNIT WITH AUDIO AND SKEW COMPENSATION	BLACK BOX CORP
DSKV04AUREM	KV04AU-REM	SS REMOTE USB W/AUDIO UNIT FOR THE WIZARD CX	BLACK BOX CORP
DSKV04REM	KV04-REM	CX REMOTE UNIT	BLACK BOX CORP

DSKV04UREM	KV04U-REM	SS REMOTE USB UNIT FOR THE WIZARD CX	BLACK BOX CORP
DSKV1400A	KV1400A	PS/2 SERVER ACCESSMODULE FOR CX SERIES	BLACK BOX CORP
DSKV1401A	KV1401A	USB SERVER ACCESS MODULE FOR CX SERIES	BLACK BOX CORP
DSKV1403A	KV1403A	USB SERVER ACCESS MODULE WITH AUDIO FOR CX SERIES	BLACK BOX CORP
DSKV1408A	KV1408A	SERVSWITCH CX SERVER ACCESS MODULE, USB, DISPLAYPORT, AND AUDIO	BLACK BOX CORP
DSKV21008AR2	KV21008A-R2	SERVSELECT III (1 X 8), 1 USER X 8 PORTS	BLACK BOX CORP
DSKV417A16CATX	KVT417A-16CATX	17IN 1U LCD TRAY 1 VGA, 16 PORT CATX	BLACK BOX CORP
DSKV417A16UVA	KVT417A-16UVA	SERVTRAY 17INCH SCREEN, 16 VGA USB/PS2 PORTS W/ RMB1 RAIL	BLACK BOX CORP
DSKV417A16UVR2	KVT417A-16UVR-2	SERVERTRAY 17IN SCREEN, 16 VGA USB/PS2 PORTS W/ RMB5 RAIL	BLACK BOX CORP
DSKV417A1UVR3	KVT417A-1UV-R3	SERVTRAY 17 INCH 1 VGA USB PS 2 PORT-INCLUDES (KVT417A-R2 + KVT6S1UV)	BLACK BOX CORP
DSKV417A8UVR2	KVT417A-8UV-R2	SERVTRAY 17INCH (8 PORT) VGA, USB/PS/2 PORT	BLACK BOX CORP
DSKV419A16CATX1IP	KVT419A-16CATX-1IP	19IN 1U LCD TRAY 1 VGA, 16 PORT CATX W(/1)	BLACK BOX CORP
DSKVT517A16CATX	KVT517A-16CATX	SERVVIEW V WITH CATX INTEGRATED KVM TRAY MODULE, 16-PORT	BLACK BOX CORP
DSKVT517A1UVR2	KVT517A-1UV-R2	17IN 1U LCD TRAY (1)VGA,USB/PS2 PORT	BLACK BOX CORP
DSKVT517A8UV	KVT517A-8UV	17IN 1U LCD TRAY 8 VGA USB/PS2 PORTS	BLACK BOX CORP
DSL2SGRIP	L2SGRIP	L2SGRIP 3/8" SUPPORT HOIST GRIP	COMMSCOPE TECHNOLOGI
DSL2TDMPL	L2TDM-PL	3/8" 7-16 DIN MALE POSITIVE LOCK STRAIGHT CONNECTOR	COMMSCOPE TECHNOLOGI
DSL2TNFPL	L2TNF-PL	L2TNF-PL 3/8" TYPE N FEMALE POSITIVE LOCK CONNECTOR LDF2-50 CABLE	COMMSCOPE TECHNOLOGI
DSL2TNMPL	L2TNM-PL	3/8" TYPE N MALE POSITIVE LOCK CONNECTOR LDF2-50 CABLE	COMMSCOPE TECHNOLOGI
DSL4AD MDF10P	L4A-DMDF-10-P	(LDF4-50A) 10FT-JUMPER W/TYPES 7-16 DIN-MALE & 7-16 DIN-FEMALE-PIM RA1	COMMSCOPE TECHNOLOGI
DSL4ADMDM10P	L4A-DMDM-10-P	(LDF4-50A) 10FT-JUMPER W/TYPES 7-16 DIN-MALE & 7-16 DIN-MALE-PIM RATE	COMMSCOPE TECHNOLOGI
DSL4ADMDM15P	L4A-DMDM-15-P	(LDF4-50A) 15FT-JUMPER W/TYPES 7-16 DIN-MALE & 7-16 DIN-MALE-PIM RATE	COMMSCOPE TECHNOLOGI
DSL4ADMDM25P	L4A-DMDM-25-P	(LDF4-50A) 25FT-JUMPER W/TYPES 7-16 DIN-MALE & 7-16 DIN-MALE-PIM RATE	COMMSCOPE TECHNOLOGI
DSL4ADMDM6P	L4A-DMDM-6-P	(LDF4-50A) 6 FT-JUMPER W/TYPES 7-16 DIN-MALE 7-16 DIN-MALE-PIM RATED	COMMSCOPE TECHNOLOGI
DSL4ANMDM10P	L4A-NMDM-10-P	(LDF4-50A) 10FT-JUMPER W/TYPES N-MALE & 7-16 DIN-MALE-PIM RATED	COMMSCOPE TECHNOLOGI
DSL4ANMDM25P	L4A-NMDM-25-P	(LDF4-50A) 25FT-JUMPER W/TYPES N-MALE & 7-16 DIN-MALE-PIM RATED	COMMSCOPE TECHNOLOGI
DSL4ANMDM6P	L4A-NMDM-6-P	(LDF4-50A) 6FT-JUMPER W/TYPES N-MALE & 7-16 DIN-MALE-PIM RATED	COMMSCOPE TECHNOLOGI
DSL4ANMDM8P	L4A-NMDM-8-P	(LDF4-50A) 8FT-JUMPER W/TYPES N-MALE & 7-16 DIN-MALE-PIM RATED	COMMSCOPE TECHNOLOGI
DSL4ANMNF6P	L4A-NMNF-6-P	(LDF4-50A) 6FT-JUMPER W/TYPES N-MALE & N-FEMALE CONNECTORS-PIM RA	COMMSCOPE TECHNOLOGI
DSL4ANMNM10P	L4A-NMNM-10-P	(LDF4-50A) 10FT-JUMPER W/TYPES N-MALE & N-MALE CONNECTORS-PIM RATI	COMMSCOPE TECHNOLOGI
DSL4ANMNM16P	L4A-NMNM-P (1 @ 16FT)	LDF4-50A 16FT JUMPER WITH INTERFACE TYPES N MALE AND N MALE	COMMSCOPE TECHNOLOGI
DSL4ANMNM6P	L4A-NMNM-6-P	(LDF4-50A) 6 FT-JUMPER W/TYPES N-MALE & N-MALE CONNECTORS-PIM RATE	COMMSCOPE TECHNOLOGI
DSL4CLICK	L4CLICK	L4CLICK 1/2"CLICK ON HANGER KIT, KIT OF 10	COMMSCOPE TECHNOLOGI
DSL4DRPS	L4DR-PS	L4DR-PS 1/2" 7-16 DIN MALE RIGHT ANGLE CONNECTOR	COMMSCOPE TECHNOLOGI
DSL4NRPS	L4NR-PS	L4NR-PS 1/2" TYPE N MALE RIGHT ANGLE CONNECTOR LDF4-50A CABLE	COMMSCOPE TECHNOLOGI
DSL4PDFBHC	L4PDF-BHC	L4PDF-BHC 7-16 DIN FEMALE BULKHEAD FOR 1/2 IN LDF4-50A CABLE	COMMSCOPE TECHNOLOGI
DSL4SGRIP	L4SGRIP	L4SGRIP SUPPORT HOIST GRIP 1/2" LDF	COMMSCOPE TECHNOLOGI
DSL4TNMPSA	L4TNM-PSA	DDN1088A L4TNM-PSA TYPE N MALE PS FOR 1/2 IN CABLE	COMMSCOPE TECHNOLOGI
DSL5CLICKB	L5CLICKB	L5CLICKB 7/8" HANGER KIT, KIT OF 10, DOUBLE VERSION	COMMSCOPE TECHNOLOGI
DSL5SGRIP	L5SGRIP	L5SGRIP 7/8" SUPPORT HOIST GRIP	COMMSCOPE TECHNOLOGI
DSL6SGRIP	L6SGRIP	L6SGRIP 1-1/4" SUPPORT HOIST GRIP	COMMSCOPE TECHNOLOGI
DSL7SGRIP	L7SGRIP	L7SGRIP 1-5/8" SUPPORT HOIST GRIP	COMMSCOPE TECHNOLOGI
DSLB1004AR2	LB1004A-R2	MULTIPOINT MEDIA CONVERTER TX/3 + FX-MM1300-SC	BLACK BOX CORP
DSLBH100AHSSC	LBH100A-H-SSC	MC SWITCH HARDENED 10 AND 100 SM 110 TO 240 VAC SC	BLACK BOX CORP
DSLBH100ASSC	LBH100A-SSC	MC SWITCH STANDARD 10/100, SM 115-VAC SC	BLACK BOX CORP
DSLBH100AST	LBH100A-ST	STANDARD MEDIA CONVERTER SWITCH, 10-/100-MBPS COPPER TO 100-MBPS	BLACK BOX CORP
DSLBH150AHST48	LBH150A-H-ST-48	EDGE SWITCH, HARDENED 1-FMM 5-UTP 48-VDC ST	BLACK BOX CORP
DSLFP402	LFP402	SFP 155-MBPS FIBER WITH EXT DIAGNOSTICS, 1310-NM MULTIMODE, 2 KM, LC	BLACK BOX CORP
DSLFP418	LFP418	SFP/1250 EXT DIAG SM 1550 LC 80KM	BLACK BOX CORP
DSLGB1108A	LGB1108A	10-PORT GIGABIT MANAGED SWITCH	BLACK BOX CORP
DSLGB5124A	LGB5124A	SFP GIGABIT MANAGED FIBER SWITCH - 24-PORT	BLACK BOX CORP
DSLGC120AR2	LGC120A-R2	300M -10/100/1000TX 1000 SX SC MM 850 CABLE	BLACK BOX CORP
DSLGC121AR2	LGC121A-R2	MULTIPOWER MINIATURE MEDIA CONVERTER, 10-/100-/1000-MBPS COPPER	BLACK BOX CORP
DSLGC202A	LGC202A	1000BT - 1000BX SM 15K SC MEDIA CONVERTER US PS	BLACK BOX CORP
DSLH1505PRACK29V	LH1505P-RACK-2-9-V	EDGE SWITCH RACK TRAY 2 - 9VDC PS FOR 8 SWITCHES	BLACK BOX CORP
DSLHC005AR4	LHC005A-R4	COMPACT MC 100MBPS W/INTER PS TX/FX SM PLUS	BLACK BOX CORP
DSL11008UU	LL1008-UU	LINE CORD, 10',8AWG,LUGS TO UNTERMI	ELTEK INC
DSL11010UU	LL1010-UU	LINE CORD,10',10AWG,LUGS TO UU	ELTEK INC
DSLMBAT233DIS2	LMBAT233DIS2	RACK, 23IN W X 84IN H X 18IN D W/ (3) BATT TRAYS EACH W/150A BREAKER	LAMARCHE MFG CO
DSLMBAT233DIS3	LMBAT233DIS3	RACK, 23IN W X 90IN H X 21IN D W/ (3) BATT TRAYS, GROUND RETURN	LAMARCHE MFG CO
DSLMBAT233DIS6	LMBAT233DIS6	23IN W X 90IN H X 18IN D RACK W/ (3) BATTERY TRAYS, BATTERY WIRING	LAMARCHE MFG CO
DSLMBAT233DIS8	LMBAT233DIS8	23IN W X 96IN H X 18IN D RACK W/ (3) BATTERY TRAYS, BATTERY WIRING	LAMARCHE MFG CO
DSLMHF6548VDF1	LMHF6548VDF1	65 AMP 48VDC RECTIFIER	LAMARCHE MFG CO
DSLMHF7548VZE1	LMHF7548VZE1	RECTIFIER, 48V, 75AMP	LAMARCHE MFG CO
DSLMHFSSC02	LMHFSSC02	RACK MOUNT CONTROLLER, 23 INCH	LAMARCHE MFG CO
DSLMHFX450TR2	LMHFX450TR2	DISTRIBUTION MODULE W/ 20 LOAD POS, LVLD, CONTROLLER, 2 BATT TRAYS	LAMARCHE MFG CO
DSLOGITECHM510	43211708	LOGITECH B100 USB MOUSE	CDW DIRECT LLC
DSLXLME	POLYPHASER LSXL-ME	PCS MICRO FILTER PROTECTOR	TRANSTECTOR SYSTEMS
DSLTP3048VU1	LTP3048VU1	DC POWER SYS, LTP CONTAINING LCD CONTROLLER, DISTRIBUTION AND RECTI	LAMARCHE MFG CO
DSL1010L530P	LU1010L530P	LINE CORD,10 FT, TWIST LOCK, AC PLUG NEMA-L5-30	ELTEK INC
DSL1010UU	LU1010-UU	LINE CORD,10 FT,10AWG,UU(STRIP) TO UU	ELTEK INC

DSLW45	LW45	1/4 LOCK WASHER 18-8 SS (SOLD INDIVIDUALLY)	HARGER INC
DSM112372	MS1123-742	CHATSWORTH MSERIES MEGAFRAME CABINET	ANIXTER INC
DSMA2700A	MA2700A	ANRITSU INTERFERENCE HUNTER HANDHELD DIRECTION FINDING SYSTEM	ANRITSU COMPANY
DSMAB8M	MAB8M	0-1000 MHZ, PERMANENT MOUNT, BRASS, MINI-UHF	LAIRD TECHNOLOGIES
DSMCPTBK4	MCPT-BK4	REPLACEMENT BLADE KIT FOR MCPT-L4 MANUAL CABLE PREPARATION	COMMSCOPE TECHNOLOGI
DSMCR806	MCR-806	806-960 MHZ, CORNER REFLECTOR ANTENNA	PCTEL INC
DSMDI78	MDI78	HIGH POWER 700/800MHZ DIPLEXER, 762-776MHZ/851-869MHZ	DBSPECTRA
DSMDS3	MDS-3	MD-S3 MICROWAVE ANTENNA ICE SHIELD FOR 3 FT ANTENNAS	COMMSCOPE TECHNOLOGI
DSMDSQ3	MD-SQ3	MD-SQ3 3FT SQUARE ICE SHIELD	COMMSCOPE TECHNOLOGI
DSMDW4CUN	MDWF4CU-N	DUAL WINDOW FILTER, 380-470MHZ TUNE TO 2 MHZ BW COVERS BOTH TX AN	DBSPECTRA
DSMF3990110	MF39901-10	CLAMP HEAD, 10 PK	COMMSCOPE TECHNOLOGI
DSMFBW7463	MFBW7463	WIDEBAND FIBERGLASS OMNI ANTENNA 746-869 NFM BULKHEAD	PCTEL INC
DSMLFML195C	MLFML195C	MOUNT	PCTEL INC
DSMLPV700	MLPV700	MAXRAD MOBILE LOW PROFILE VERTICAL ANTENNA, 700 MHZ	PCTEL INC
DSMMB34	MMB34	3/4 " MIRROR MOUNT	PCTEL INC
DSMMK12	MMK12	ANTENNA MOUNTING BRACKET	PCTEL INC
DSMMK4	MMK4	ANTENNA MOUNT	PCTEL INC
DSMOJAVE1	MOJAVE1	MOJAVE DRYER,115VAC,50/60HZ,1.5A,5PSISUM	COMMSCOPE TECHNOLOGI
DSMOTSH362SKIT	MOTSH362SKIT	MOTOROLA KIT SH-362S SIGNAL HAWK, SPECTRUM ANALYZER	BIRD ELECTRONIC CORP
DSMOTU155A1A	MOTU15-5A1A	5 CH UHF SYSTEM 380-420 MHZ SINGLE BAND W/ SINGLE ISOLATOR & 8 CH RX	DBSPECTRA
DSMOTU2D4B1A	MOTU2D-4B1A	4 CH UHF SYSTEM 440-470 MHZ DUAL BAND W/ SINGLE ISOLATOR & 8 CH RXIV	DBSPECTRA
DSMOTU2D4B2A	MOTU2D-4B2A	4 CH UHF SYSTEM 440-470 MHZ DUAL BAND W/ DUAL ISOLATOR & 8 CH RXMC	DBSPECTRA
DSMOTU8RSA	MOTU8RSA	8 CHANNEL SPLITTER EXPANSION CHASSIS	DBSPECTRA
DSMP2120C	MP2-120C	MICROPOD MAINTENANCE BYPASS AND POWER OUTPUT DISTR SWITCH MP2-	CELL MANAGEMENT SYST
DSMS2712E	QUOTE - Q6UJ9-A08DCSK.0	SPECTRUM MASTER, 100 KHZ TO 4 GHZ SPECTRUM ANALYZER W/ETHERNET CC	ANRITSU COMPANY
DSMS80870205SP	MS8087-0205-SP	800MHZ: 2 CH, SINGLE TX/RX ANTENNA, 50W TX, +11-28VDC RX LNA, 3RU	RFI AMERICAS INC
DSMS80870405SP	MS8087-0405-SP	800MHZ: 4 CH, SINGLE TX/RX ANTENNA, 50W TX, +11-28VDC RX LNA, 3RU	RFI AMERICAS INC
DSMT050B81315	MT050B-81315	DEHYDRATOR, 115/230V 50/60HZ,1.2A 5PSI	COMMSCOPE TECHNOLOGI
DSMT222L	MT-222L	ADJUSTABLE WALL MOUNT FOR SOLID WALLS, 12 IN STAND-OFF	COMMSCOPE TECHNOLOGI
DSMT35712	MT-357-12	TRAPEZE KIT, WAVEGUIDE BRIDGE,12IN	COMMSCOPE TECHNOLOGI
DSMT416	MT-416	MT-416 SLED TRIPOD NON-PENETRATING KIT 1	COMMSCOPE TECHNOLOGI
DSMT537	MT-537	PIPE PLAIN-END GALV 2-3/8IN ODX 126IN (EA)	COMMSCOPE TECHNOLOGI
DSMT54736	MT54736	PIPE PLAIN-END GALV 3-1/2IN ODX 36IN (EA)	COMMSCOPE TECHNOLOGI
DSMT648	MT-648	PIPE PLAIN-END GALV 2-3/8" ODX X 24" EACH	COMMSCOPE TECHNOLOGI
DSMT65363	MT-653-63	MT-653-63 PIPE PLAIN-END GALV 4 1/2IN ODX63IN	COMMSCOPE TECHNOLOGI
DSMT657	MT-657	ANDREW PIPE PLAIN END AL 2-3/8IN ODX X 48IN	COMMSCOPE TECHNOLOGI
DSMT9090ASTRO	MT9090A	ANRITSU MT9090 W/ GIGABIT ETHERNET TESTER OPTIONS	ANRITSU COMPANY
DSMT9090ASTRO2YR	MT9090A-ES210 MU909060A2-ES2	ANRITSU MT9090A 2 YR EXT WARR ON MAINFRAME AND MODULE	ANRITSU COMPANY
DSMT9090ASTRO3YR	MT9090A-ES310 MU909060A2-ES3	ANRITSU MT9090A 3 YR EXT WARR ON MAINFRAME AND MODULE	ANRITSU COMPANY
DSMT9090ASTRO5YR	MT9090A-ES510 MU909060A2-ES5	ANRITSU MT9090A 5 YR EXT WARR ON MAINFRAME AND MODULE	ANRITSU COMPANY
DSMTF1598	MT-F1598	21 3/4 INCH PVC ROOF SLEEPER FOR 4 COAXIAL CABLE RUNS	COMMSCOPE TECHNOLOGI
DSMTF504	MT-F504	45 DEG. ADJUSTABLE SPLICE FOR WG BRIDGE (KIT/1)	COMMSCOPE TECHNOLOGI
DSMTPLHS	MTPLHS	MODULAR TPL FUSE BASE WITH 50MV/600A SHUNT	ELTEK INC
DSMU3MMS	MU3MMS	STARTECH 3 FT SLIM 3.5MM STEREO AUDIO CABLE M/M	CDW DIRECT LLC
DSMW3HE00062CB	3HE00062CB	SFP - GIGE BASE-T RJ45 R6/6 DDM -40/85C	ALCATEL LUCENT USA I
DSMW3HE00205NA	3HE00205NA	5620 SAM R12 / 5650 CPAM R8.0 S/W KIT	ALCATEL LUCENT USA I
DSMW3HE00868CA	3HE00868CA	IPD SFP - GIGE BX10-U - LC R6/6 DDM -40/85C	ALCATEL LUCENT USA I
DSMW3HE00868CB	3HE00868CB	SFP - GIGE BX10-D - LC R6/6	ALCATEL LUCENT USA I
DSMW3HE00981NA	3HE00981NA	5620 SAM R12 BASE PRODUCT	ALCATEL LUCENT USA I
DSMW3HE01016BA	3HE01016BA	7750 SR-C12 CHASSIS BUNDLE; CHASSIS, AIR FILTER, FAN TRAY	ALCATEL LUCENT USA I
DSMW3HE01454CA	3HE01454CA	SFP - 100M EX - LC ROHS 6/6 DDM -40/85C SINGLE MODE 40 KM, 1310 NM	ALCATEL LUCENT USA I
DSMW3HE02023PA	3HE02023PA	5620 SAM R12 / 5650 CPAM R8.0 S/W KIT	ALCATEL LUCENT USA I
DSMW3HE02772AA	3HE02772AA	AUXILIARY ALARM CARD (-48/+24 VDC)	ALCATEL LUCENT USA I
DSMW3HE02774AB	3HE02774AB	CONTROL SWITCH MODULE V2 (CSMV2) 48V	ALCATEL LUCENT USA I
DSMW3HE02775AB	3HE02775AB	16 PORT T1/E1 ASAP CARD V2 (-48/+24 VDC)	ALCATEL LUCENT USA I
DSMW3HE02776AB	3HE02776AB	8 PORT GE/FE ETHERNET CARD V2 48V	ALCATEL LUCENT USA I
DSMW3HE02780AA	3HE02780AA	6 PORT FXS LINE CARD (-48/+24 VDC)	ALCATEL LUCENT USA I
DSMW3HE02781AA	3HE02781AA	32 PORT T1/E1 ASAP CARD (-48/+24 VDC)	ALCATEL LUCENT USA I
DSMW3HE02782AA	3HE02782AA	PACKET MICROWAVE CARD (-48/+24 VDC)	ALCATEL LUCENT USA I
DSMW3HE02784GA	3HE02784GA	IPD SAR RELEASE 6.1 BASIC OS LICENSE	ALCATEL LUCENT USA I
DSMW3HE02784JA	3HE02784JA	SAR RELEASE 7.0 BASIC OS LICENSE	ALCATEL LUCENT USA I
DSMW3HE03054AA	3HE03054AA	SAR-8 SPARE BLANKING PLATES (6 PACK)	ALCATEL LUCENT USA I
DSMW3HE03126AA	3HE03126AA	6 PORT E&M INTERFACE CARD -48 VDC	ALCATEL LUCENT USA I
DSMW3HE03391AB	3HE03391AB	12 PORT SERIAL DATA CARD	ALCATEL LUCENT USA I
DSMW3HE03394AA	3HE03394AA	32 PORT T1/E1 RJ45 PANEL	ALCATEL LUCENT USA I
DSMW3HE03397AA	3HE03397AA	T1/E1 CABLE FOR DISTRIBUTION PANEL 1M	ALCATEL LUCENT USA I
DSMW3HE03397BB	3HE03397BB	T1/E1 CABLE FOR DISTRIBUTION PANEL 1.6 M CROSS-OVER CONFIGURATION	ALCATEL LUCENT USA I
DSMW3HE03398AB	3HE03398AB	T1/E1/ALARM CABLE 26 AWG OPEN-ENDED 15M	ALCATEL LUCENT USA I
DSMW3HE03399AB	3HE03399AB	T1/E1/ALARM CABLE 26 AWG OPEN-ENDED 30M	ALCATEL LUCENT USA I
DSMW3HE03401AA	3HE03401AA	IPD SYNCHRONIZATION Y- CABLE	ALCATEL LUCENT USA I
DSMW3HE03603NA	3HE03603NA	5620 SAM-E/A/P R12 LICENSE - 7705 SAR-8 (+2 MDA)	ALCATEL LUCENT USA I

DSMW3HE03605NA	3HE03605NA	3HE03605PA 5620 SAM-EAP R13 ADDL- 7705 SAR-8/18 MDA	ALCATEL LUCENT USA I
DSMW3HE03605PA	3HE03605PA	5620 SAM-EAP R13 ADDL- 7705 SAR-8/18 MDA	ALCATEL LUCENT USA I
DSMW3HE03659AA	3HE03659AA	PEM - 7750 SR-C12 DC POWER ENTRY MODULE-3	ALCATEL LUCENT USA I
DSMW3HE03660AA	3HE03660AA	FAN - 7750 SR-C12 HF FAN TRAY	ALCATEL LUCENT USA I
DSMW3HE04507AB	3HE04507AB	RS232 CABLE PAIR - 2M	ALCATEL LUCENT USA I
DSMW3HE04511AA	3HE04511AA	6 PORT RS232 DISTRIBUTION PANEL	ALCATEL LUCENT USA I
DSMW3HE04580AA	3HE04580AA	CCM - 7750 SR-C12 CCM-XP	ALCATEL LUCENT USA I
DSMW3HE05837BA	3HE05837BA	7705 AC POWER CONVERTER PIGTAIL - O-RING	ALCATEL LUCENT USA I
DSMW3HE05838AA	3HE05838AA	250W 120/240V AC POWER CONVERTER	ALCATEL LUCENT USA I
DSMW3HE06151AA	3HE06151AA	8 PORT GE SFP CARD V2 (-48/+24 VDC)	ALCATEL LUCENT USA I
DSMW3HE06151AC	3HE06151AC	8 PORT GE SFP CARD V3 (-48/+24 VDC)	ALCATEL LUCENT USA I
DSMW3HE06791AA	3HE06791AA	SAR-8 SHELF V2	ALCATEL LUCENT USA I
DSMW3HE06792AA	3HE06792AA	IPD FAN MODULE FOR SAR-8 SHELF V2 EXT. TEMP (-48VDC)	ALCATEL LUCENT USA I
DSMW3HE06792EA	3HE06792EA	FAN MODULE (SAR-8 SHELF V2) EXT TEMP -48VDC	ALCATEL LUCENT USA I
DSMW3HE06794AA	3HE06794AA	8 PORT FXO LINE CARD (-48/+24 VDC)	ALCATEL LUCENT USA I
DSMW3HE06796AA	3HE06796AA	SAR-A W/ 12 ENET -48 VDC	ALCATEL LUCENT USA I
DSMW3HE06972AB	3HE06972AB	PSE CERTIFIED 100W HIGH VOLTAGE POWER SUPPLY	ALCATEL LUCENT USA I
DSMW3HE07152AA	3HE07152AA	POWER INJECTOR CARD	ALCATEL LUCENT USA I
DSMW3HE07353AA	3HE07353AA	SAR-HC	ALCATEL LUCENT USA I
DSMW3HE07683AA	3HE07683AA	OCT 6 2015 AC-DC RECTIFIER SHELF, PWR-ONE,W/BATT	ALCATEL LUCENT USA I
DSMW3HE07945AA	3HE07945AA	SAR-HC PANEL MOUNTING H/W KIT - REAR MOUNT	ALCATEL LUCENT USA I
DSMW3HE08173AA	3HE08173AA	CFM - 7750 SR-C12 CFM-XP-B	ALCATEL LUCENT USA I
DSMW3HE08202PA	3HE08202PA	5620 SAM-E/A/P R13 LIC 7705 SAR-A	ALCATEL LUCENT USA I
DSMW3HE09259BA	3HE09259BA	RTU - 7705 SAR-HC NGE LICENSE	ALCATEL LUCENT USA I
DSMW3HE09259CA	3HE09259CA	RTU - 7705 SAR-8 NGE LICENSE	ALCATEL LUCENT USA I
DSMW3HE09302AA	3HE09302AA	RTU-8 PORT GE SFP CARD V3 ENCRYPT	ALCATEL LUCENT USA I
DSMW3HE10033PA	3HE10033PA	5620 SAM-E/A/P R13 LIC. NGE	ALCATEL LUCENT USA I
DSMW3HE10040AA	3HE10040AA	AC POWER CABLE, LOCKING, 6FT, NA	ALCATEL LUCENT USA I
DSMW3HE10820QA	3HE10820QA	5620 SAM R14 BASE PRODUCT - CLASSIC	ALCATEL LUCENT USA I
DSMW3HE10823QA	3HE10823QA	5620 SAM R14 CLASSIC SUITE LICENSE POINT	ALCATEL LUCENT USA I
DSMW3HE10824QA	3HE10824QA	5620 SAM R14 PREMIUM SUITE LICENSE POINT	ALCATEL LUCENT USA I
DSMW3HE11473AA	3HE11473AA	MOTOROLA 7705 SAR-A BUNDLE - REDUNDANT	ALCATEL LUCENT USA I
DSMW3HE11473AB	3HE11473AB	MOTOROLA 7705 SAR-A BUNDLE - SIMPLEX	ALCATEL LUCENT USA I
DSMW3HE11473AC	3HE11473AC	MOTOROLA 7705 SAR-A BUNDLE - REDUNDANT + T1	ALCATEL LUCENT USA I
DSMW3HE11473AD	3HE11473AD	MOTOROLA 7705 SAR-A BUNDLE - SIMPLEX + T1	ALCATEL LUCENT USA I
DSMWF1AUD	MWF1AU-D	137-174MHZ VHF UNIVERSAL MILLED WINDOW NOTCH FILTER, 1-2.5MHZ PASS DBSPECTRA	
DSMWF1AUN	MWF1AU-N	137-174MHZ WINDOW MILLED FILTER, >25DB ISO, 1-3 MHZ PASSBAND N CONI DBSPECTRA	
DSMWF1BUN	MWF1BU-N	137-174MHZ UNI WINDOW MILLED FILTER, 45DB ISO, 1-3 MHZ PASSBAND N C DBSPECTRA	
DSMWF1CNU	MWF1C-NU	130-220MHZ VHF WINDOW MILLED FILTER, ISOLATION 65DB AT 1.5MHZ DBSPECTRA	
DSMWF1CUD	MWF1CU-D	137-174MHZ WINDOW MILLED FILTER, >65DB ISO, 1-3 MHZ PASSBAND DIN C DBSPECTRA	
DSMWF1CUN	MWF1CU-N	137-174MHZ TX WINDOW MILLED FILTER, >65DB ISO, 1-3 MHZ PASSBAND N C DBSPECTRA	
DSMWF4AUD	MWF4AU-D	380-470MHZ TRANSMIT MILLED WINDOW FILTER, 2-5MHZ PASSBAND >25DB I! DBSPECTRA	
DSMWF4BUD	MWF4BU-D	380-470MHZ TRANSMIT MILLED WINDOW FILTER, 2-5MHZ PASSBAND >45DB I! DBSPECTRA	
DSMWF4BUN	MWF4BU-N	380-470MHZ TRANSMIT MILLED WINDOW FILTER, 2-5MHZ PASSBAND >45DB I! DBSPECTRA	
DSMWF4CUN	MWF4CU-N	380-470MHZ WINDOW MILLED FILTER, 65DB ISO, 2-5 MHZ PB, 450W N CONN DBSPECTRA	
DSMWF7AMD	MWF7AM-D	700MHZ HIGH POWER TRANSMIT MILLED FILTER,762-776MHZ, 14 MHZ BANDV DBSPECTRA	
DSMWF8AMD	MWF8AM-D	800MHZ HI PWR TX MILLED FILTER 851-869MHZ 18MHZ BW 7/16 DIN CONN DBSPECTRA	
DSMWF9AMD	MWF9AM-D	FILTER. 935-941MHZ HIGH POWER TX FILTER WITH DIN CONNECTOR DBSPECTRA	
DSMWF7CMCSD	MWF7CMCSD	700MHZ MILLED WINDOW DUPLEXER FOR CONTROL STATION COMBINERS, DII DBSPECTRA	
DSMWF7CMCSN	MWF7CMCSN	700MHZ MILLED WINDOW DUPLEXER FOR CONTROL STATION COMBINERS, N- DBSPECTRA	
DSMWF8CMCSD	MWF8CMCSD	800MHZ MILLED WINDOW DUPLEXER FOR CONTROL STATION COMBINERS, DII DBSPECTRA	
DSMWF8CMCSN	MWF8CMCSN	800MHZ MILLED WINDOW DUPLEXER FOR CONTROL STATION COMBINERS, N- DBSPECTRA	
DSMWF9CMCSD	MWF9CMCSD	900MHZ MILLED WINDOW DUPLEXER FOR CONTROL STATION COMBINERS, DII DBSPECTRA	
DSMWF9CMCSN	MWF9CMCSN	900MHZ MILLED WINDOW DUPLEXER FOR CONTROL STATION COMBINERS, N- DBSPECTRA	
DSMWFDP8AM	MWFDP8AM	808-861MHZ MILLED WINDOW DUPLEXER, 7/16 DIN CONNECTORS DBSPECTRA	
DSMWFDP9AM	MWFDP9AM	896-940MHZ MILLED WINDOW DUPLEXER, 7/16 DIN CONNECTORS. DBSPECTRA	
DSN00000D001A	N00000D001A	4.4 - 5.0 GHZ, 26.6 DBI, 2-FT (0.6M), PARABOLIC DISH	CAMBIUM NETWORKS LIM
DSN00000D002A	N00000D002A	4.4 - 5.0 GHZ, 32.6 DBI, 4-FT (1.2M), PARABOLIC DISH	CAMBIUM NETWORKS LIM
DSN00000D003A	N00000D003A	4.4-5.0 GHZ, 16 DBI, DUAL-POL SECTOR ANTENNA	CAMBIUM NETWORKS LIM
DSN00000D004A	N00008L004	SIDE STRUTS / STABILIZER ARMS PTP600 ANTENNA	CAMBIUM NETWORKS LIM
DSN00000D037A	N00000D037A	SIDE STRUTS / STABILIZER ARMS 4/6FT	CAMBIUM NETWORKS LIM
DSN00000K004A	N00000K004A	PTP BACKHAUL SWITCH,E4G-200 CORE LIC UPGRADE FROM EDGE	CAMBIUM NETWORKS LIM
DSN00000L019A	N00000L019A	FILLER PANEL, 19 IN W X 10.47 IN H, GRAY	CAMBIUM NETWORKS LIM
DSN00000L034A	N00000L034A	POWER SUPPLY, 30W, 56V - GBPS SUPPORT	CAMBIUM NETWORKS LIM
DSN00000L054A	N00000L054A	POWER SUPPLY FOR CMM4, 54V, HLG-240H-54C	CAMBIUM NETWORKS LIM
DSN00000L055A	N00000L055A	POWER SUPPLY, SINGLE OUTPUT SWITCHING, 30V, 240W, HLG-240H	CAMBIUM NETWORKS LIM
DSN00000L065	N00000L065	LSXL COAX LIGHTNING PROTECTOR FOR INDOOR ODU	CAMBIUM NETWORKS LIM
DSN00000L066	N00000L066	PTP BACKHAUL SWITCH,E4G-200 DC SWITCH 8 PORT GBE + 4 SFP	CAMBIUM NETWORKS LIM
DSN00000L066A	N00000L066A	PTP BACKHAUL SWITCH,E4G-200 DC SWITCH 8 PORT GBE + 4 SFP	CAMBIUM NETWORKS LIM
DSN00000L067A	N00000L067A	PTP BACKHAUL SWITCH,E4G-200 16 X T1/E1 MODULE	CAMBIUM NETWORKS LIM
DSN00000L077A	N00000L077A	PTP BACKHAUL SWITCH,E4G-400 300W DC POWER SUPPLY MODULE	CAMBIUM NETWORKS LIM

DSN000000L081A	N000000L081A	POWER CORD FOR SUMMIT AC SWITCH,AMERICAN,10A,NEMA 5-15P,IEC320-C	CAMBIUM NETWORKS LIM
DSN000000L085A	N000000L085A	PTP BACKHAUL SWITCH,SUMMIT X440-8T-AC,8X10/100/1000BT,4X1000BX UNF	CAMBIUM NETWORKS LIM
DSN000000L088A	N000000L088A	PTP BACKHAUL SWITCH,SUMMIT X440-24T-AC,24X10/100/1000BT,4X1000BX U	CAMBIUM NETWORKS LIM
DSN000045L001A	N000045L001A	ETHERNET CABLE ADAPTER FOR CMM4	CAMBIUM NETWORKS LIM
DSN000045L002A	N000045L002A	TILT BRACKET ASSEMBLY	CAMBIUM NETWORKS LIM
DSN000065L001A	N000065L001B	PTP 650 AC POWER INJECTOR	CAMBIUM NETWORKS LIM
DSN000065L003A	N000065L003A	US LINE CORD FIG 8	CAMBIUM NETWORKS LIM
DSN000065L005A	N000065L005A	EU LINE CORD FIG 8	CAMBIUM NETWORKS LIM
DSN000065L030A	N000065L030A	EXTENDED DIAMETER MAST MOUNTING KIT 3.5IN AND 4.5IN	CAMBIUM NETWORKS LIM
DSN000065L031A	N000065L031A	PTP 650 MOUNTING BRACKT (INTEGRATED) - 1 REQ W/EA INTEGRATED ODU	CAMBIUM NETWORKS LIM
DSN000065L032A	N000065L032A	MOUNTING BRACKET (CONNECTORIZED)	CAMBIUM NETWORKS LIM
DSN000065L033A	N000065L033A	RJ-45 GLAND SPARE - PG16 SIZE - PACK OF 10	CAMBIUM NETWORKS LIM
DSN000065L036A	N000065L036A	BLANKING PLUG PACK (QTY 10)	CAMBIUM NETWORKS LIM
DSN000065L039A	N000065L039A	PTP 650 LOW PROFILE LARGE DIAMETER POLE MOUNT BRACKET	CAMBIUM NETWORKS LIM
DSN000065L042	N000065L042A	PTP 650 LARGE DIAMETER EXTENSION KIT FOR STANDARD INTEGRATED BRACK	CAMBIUM NETWORKS LIM
DSN000080L001	N000080L001	WR90 FLEX TWIST HANGER KIT	CAMBIUM NETWORKS LIM
DSN000081H003A	N000081H003A	PTP810 MMU SUPER PDH MASTER I/O MODULE	CAMBIUM NETWORKS LIM
DSN000081H004	N000081H004	PTP810 MMU CHASSIS	CAMBIUM NETWORKS LIM
DSN000081H005	N000081H005B	PTP810 MMU CONTROL MODULE	CAMBIUM NETWORKS LIM
DSN000081H006	N000081H006	PTP810 MMU EXPANSION I/O: 16XE1/T1	CAMBIUM NETWORKS LIM
DSN000081H010A	N000081H010A	PTP810 MMU EXPANSION I/O: 2XSTM-1 OPTICAL/OC-3	CAMBIUM NETWORKS LIM
DSN000081H011	N000081H011A	PTP810 MMU EXPANSION I/O: 21XE1/T1	CAMBIUM NETWORKS LIM
DSN000081H012	N000081H012	PTP810 MMU GIGE MASTER I/O MODULE	CAMBIUM NETWORKS LIM
DSN000081H013A	N000081H013A	PTP810 MMU MINI I/O: STM-1 ELECTRICAL	CAMBIUM NETWORKS LIM
DSN000081H014A	N000081H014A	PTP810 MMU MINI I/O: STM-1 OPTICAL/OC-3	CAMBIUM NETWORKS LIM
DSN000081H015	N000081H015	PTP810 MMU POWER SUPPLY MODULE	CAMBIUM NETWORKS LIM
DSN000081H016	N000081H016	PTP810 MMU STANDARD MASTER I/O MODU	CAMBIUM NETWORKS LIM
DSN000081L001	N000081L001	PTP810 14 TO 1 SHIELDED E1/T1 CABLE	CAMBIUM NETWORKS LIM
DSN000081L002	N000081L002	PTP810 AC TO DC POWER ADAPTER	CAMBIUM NETWORKS LIM
DSN000081L006	N000081L006A	TNC MALE RIGHT ANGLE FOR CNT-400 BR	CAMBIUM NETWORKS LIM
DSN000081L007	N000081L007	TYPE N FEMALE TO TNC MALE ADAPTER	CAMBIUM NETWORKS LIM
DSN000081L008	N000081L008A	IF CABLE FOR PTP810 MMU AND IRFU	CAMBIUM NETWORKS LIM
DSN000082K027B	N000082K027B	PTP 820 ACT.KEY - AES KEY 256 BIT - PER TX CHAN	CAMBIUM NETWORKS LIM
DSN000082L014A	N000082L014A	PTP 820 GLANDS X5 KIT	CAMBIUM NETWORKS LIM
DSN000082L016A	N000082L016A	PTP 820 CAT5E OUTDOOR 100M DRUM	CAMBIUM NETWORKS LIM
DSN000082L017A	N000082L017A	PTP 820 GROUNDING KIT FOR CAT5E F/UTP 8MM CABLE	CAMBIUM NETWORKS LIM
DSN000082L020A	N000082L020A	PTP 820 POE INJECTOR 1.9INCH RACK MOUNT KIT	CAMBIUM NETWORKS LIM
DSN000082L022A	N000082L022A	PTP 820 POE INJECTOR ALL OUTDOOR, REDUNDANT DC INPUT, 24VDC SUPPOR	CAMBIUM NETWORKS LIM
DSN000082L025A	N000082L025A	PTP 820 16T1 CABLE MDR68-RJ45 3M,LA,CROSS	CAMBIUM NETWORKS LIM
DSN000082L028A	N000082L028A	PTP 820G ACT.KEY - 2ND MODEM ACTIVATION	CAMBIUM NETWORKS LIM
DSN000082L032A	N000082L032A	PTP 820S ACT.KEY - CAPACITY 100M WITH ACM ENABLED, PER TX CHAN	CAMBIUM NETWORKS LIM
DSN000082L033A	N000082L033A	PTP 820S ACT.KEY - CAPACITY 500M WITH ACM ENABLED, PER TX CHAN	CAMBIUM NETWORKS LIM
DSN000082L034A	N000082L034A	PTP 820S ACT.KEY - CAPACITY 650M WITH ACM ENABLED, PER TX CHAN	CAMBIUM NETWORKS LIM
DSN000082L037A	N000082L037A	PTP 820 ACT.KEY - EDGE-CET-NODE MODE	CAMBIUM NETWORKS LIM
DSN000082L042A	N000082L042A	PTP 820 ACT.KEY - GE PORT, PER ADDITIONAL PORT	CAMBIUM NETWORKS LIM
DSN000082L043A	N000082L043A	PTP 820 ACT.KEY - HEADER DE-DUP, PER TX CHAN	CAMBIUM NETWORKS LIM
DSN000082L048A	N000082L048A	PTP 820 ACT.KEY - MC-ABC, PER TX CHAN	CAMBIUM NETWORKS LIM
DSN000082L056A	N000082L056A	PTP 820 ACT.KEY - XPIC, PER TX CHAN	CAMBIUM NETWORKS LIM
DSN000082L059A	N000082L059A	PTP 820 SFP OPTICAL 1000BASE-LX,EXT TEMP	CAMBIUM NETWORKS LIM
DSN000082L061A	N000082L061A	PTP 820C MIMO OR PROT MANAGEMENT CABLE 1M	CAMBIUM NETWORKS LIM
DSN000082L062A	N000082L062A	PTP 820C MIMO OR PROT MANAGEMENT ODU SPLTR	CAMBIUM NETWORKS LIM
DSN000082L065A	N000082L065A	PTP 820 DC CONNNECTOR	CAMBIUM NETWORKS LIM
DSN000082L068A	N000082L068A	PTP 820 RFU-A BRANCHING DRAWER FOR 1+1	CAMBIUM NETWORKS LIM
DSN000082L073A	N000082L073	PTP 820 GBE_CONNECTOR_KIT	CAMBIUM NETWORKS LIM
DSN000082L082A	N000082L082A	PTP 820G ACT.KEY - CAPACITY 100M WITH ACM ENABLED, PER TX CHAN	CAMBIUM NETWORKS LIM
DSN000082L083A	N000082L083A	PTP 820G ACT.KEY - CAPACITY 500M WITH ACM ENABLED, PER TX CHAN	CAMBIUM NETWORKS LIM
DSN000082L084A	N000082L084A	PTP 820G ACT.KEY - CAPACITY 650M WITH ACM ENABLED	CAMBIUM NETWORKS LIM
DSN000082L086A	N000082L086A	PTP 820G ACT.KEY - CAPACITY UPGRADE FROM X TO 500M, PER TX CHAN	CAMBIUM NETWORKS LIM
DSN000082L116A	N000082L116A	PTP 820 GROUND CABLE FOR IDU AND ODU	CAMBIUM NETWORKS LIM
DSN000082L121A	N000082L121A	PTP 820 RFU-C POLE MOUNT KIT	CAMBIUM NETWORKS LIM
DSN000082L129A	N000082L129A	PTP 820S ACT.KEY - CAPACITY 300M WITH ACM ENABLED, PER TX CHAN	CAMBIUM NETWORKS LIM
DSN000082L130A	N000082L130A	PTP 820C ACT.KEY - CAPACITY 300M WITH ACM ENABLED, PER TX CHAN	CAMBIUM NETWORKS LIM
DSN000082L131A	N000082L131A	PTP 820G ACT.KEY - CAPACITY 200M WITH ACM ENABLED, PER TX CHAN	CAMBIUM NETWORKS LIM
DSN000082L132A	N000082L132A	PTP 820G ACT.KEY - CAPACITY 300M WITH ACM ENABLED, PER TX CHAN	CAMBIUM NETWORKS LIM
DSN000082L140A	N000082L140A	PTP 820 OPTICAL CABLE,SM, 50M	CAMBIUM NETWORKS LIM
DSN000082L146A	N000082L146A	PTP 820 FIBER 1+1 SPLITTER, SM	CAMBIUM NETWORKS LIM
DSN000082L147A	N000082L147A	PTP 820 FIBER ADAPTER	CAMBIUM NETWORKS LIM
DSN000082L149A	N000082L149A	TERM LOAD 11 GHZ	CAMBIUM NETWORKS LIM
DSN000082S095A	N000082S095A	PTP 820G IDU (END ONLY) EXTENDED WARRANTY, 1 ADDITIONAL YR	CAMBIUM NETWORKS LIM
DSN000082S102A	N000082S102A	PTP 820G RFU-C (END ONLY) EXTENDED WARRANTY, 1 ADDITIONAL YR	CAMBIUM NETWORKS LIM
DSN000900L001A	N000900L001B	GBPS POWER SUPPLY BRICK 15W, 29.5 VDC	CAMBIUM NETWORKS LIM

DSN000900L007A	N000900L007A	CABLE, UL POWER SUPPLY CORD SET, US	CAMBIUM NETWORKS LIM
DSN000900L008A	N000900L008A	CABLE, UL POWER SUPPLY CORD SET, EU	CAMBIUM NETWORKS LIM
DSN000900L009A	N000900L009A	CABLE, UL POWER SUPPLY CORD SET, UK	CAMBIUM NETWORKS LIM
DSN000900L010A	N000900L010A	CABLE, UL POWER SUPPLY CORD SET, BRAZIL	CAMBIUM NETWORKS LIM
DSN001007BL	N001-007-BL	CABLE, 7FT CAT5E / CAT5 350MHZ SNAGLESS PATCH CABLE RJ45 M/M BLUE	TRIPP LITE MANUFACTU
DSN009045D001A	N009045D001A	900 MHZ 60 DEGREE SECTOR ANTENNA (DUAL SLANT)	CAMBIUM NETWORKS LIM
DSN009045D003A	N009045D003A	900 MHZ 12 DBI GAIN DIRECTIONAL ANTENNA (DUAL SLANT)	CAMBIUM NETWORKS LIM
DSN060080L001A	N060080L001A	HSX4 - 4' HP ANTENNA, 5.925 -6.425 GHZ WITH RADOME, DUAL POL, CPR137G	CAMBIUM NETWORKS LIM
DSN060080L002	N060080L002	HPX6 - 6' HP ANTENNA, 5.925 -6.425 GHZ WITH RADOME, DUAL POL, CPR137G	CAMBIUM NETWORKS LIM
DSN060080L003	N060080L003A	HPX8 - 8' HP ANTENNA, 5.925 - 6.425 GHZ WITH RADOME, DUAL POL, CPR137G	CAMBIUM NETWORKS LIM
DSN060080L007A	N060080L007A	HPX8 - 8' HP ANTENNA, 6.425 -7.125 GHZ WITH RADOME, DUAL POL, CPR137G	CAMBIUM NETWORKS LIM
DSN060080L016A	N060080L016A	FIXED-TUNED PDR70 CONNECTOR FOR EWP63	CAMBIUM NETWORKS LIM
DSN060080L017A	N060080L017A	FIXED-TUNED PDR70 CONNECTOR FOR EWP52	CAMBIUM NETWORKS LIM
DSN060080R012A	N060080R012A	ODU-A 6GHZ, TR252, LO, B4 (5985.0 - 6085.0 MHZ), RECT WG, NEG POLE	CAMBIUM NETWORKS LIM
DSN060080R013A	N060080R013A	ODU-A 6GHZ, TR252, HI, B4 (6235.0 - 6335.0 MHZ), RECT WG, NEG POLE	CAMBIUM NETWORKS LIM
DSN060080R014A	N060080R014A	ODU-A 6GHZ, TR252, LO, B5 (6045.0 - 6145.0 MHZ), RECT WG, NEG POLE	CAMBIUM NETWORKS LIM
DSN060080R015A	N060080R015A	ODU-A 6GHZ, TR252, HI, B5 (6295.0 - 6395.0 MHZ), RECT WG, NEG POLE	CAMBIUM NETWORKS LIM
DSN060082D128A	N060082D128A	PTP 820 3FT ANT,SP,6GHZ,RFU-C TYPE STD UDR70 - ANDREW	CAMBIUM NETWORKS LIM
DSN060082D132A	N060082D132A	PTP 820 6FT ANT,SP,6GHZ,RFU-C TYPE & STD UDR70 - ANDREW	CAMBIUM NETWORKS LIM
DSN060082D152A	N060082D152A	PTP 820 4 FTANT,SP,6GHZ,RFU-C TYPE&UDR70 - RADIOWAVE	CAMBIUM NETWORKS LIM
DSN060082D153A	N060082D153A	PTP 820 6FT ANT,SP,6GHZ,RFU-C TYPE&UDR70 - RADIOWAVE	CAMBIUM NETWORKS LIM
DSN060082L139A	N060082L139A	PTP 820 RFU-A 6GHZ L-BEND T1	CAMBIUM NETWORKS LIM
DSN060082L141A	N060082L141A	PTP 820 RFU-A 6GHZ SYSTEM HOUSING	CAMBIUM NETWORKS LIM
DSN060082L142A	N060082L142A	PTP 820 RFU-A 6GHZ TERMINATION	CAMBIUM NETWORKS LIM
DSN070082D306A	N070082D306A	PTP 820 2FT ANT,SP,7_8GHZ,RFU-C TYPE UBR84 - RADIOWAVE	CAMBIUM NETWORKS LIM
DSN070082D308A	N070082D308A	PTP 820 4FT ANT,SP,7_8GHZ,RFU-C TYPE UBR84 - RADIOWAVE	CAMBIUM NETWORKS LIM
DSN070082L002A	N070082L002A	PTP 820 RFU-C ADPT 7_8GHZ REMOTE MOUNT ADAPTOR - UBR84	CAMBIUM NETWORKS LIM
DSN070082L004A	N070082L004A	PTP 820 FLEXIBLE TWIST,WR112,PBR84,48.0 INCH,PBR84,7-8 GHZ	CAMBIUM NETWORKS LIM
DSN070082L301A	N070082L301A	PTP 820 RFU-C 7_8GHZ COUPLER KIT	CAMBIUM NETWORKS LIM
DSN070082L302A	N070082L302A	PTP 820 RFU-C 7_8GHZ OMT DM KIT	CAMBIUM NETWORKS LIM
DSN070082L310A	N070082L310A	PTP 820 RFU-C 7_8GHZ OMT INTERFACE-RADIOWAVE	CAMBIUM NETWORKS LIM
DSN070082L312A	N070082L312A	PTP 820 FLX-HNGR-7_8GHZ	CAMBIUM NETWORKS LIM
DSN110080L004A	N110080L004A	FIXED-TUNED PDR100 CONNECTOR FOR EWP90	CAMBIUM NETWORKS LIM
DSN110082D072A	N110082D072A	PTP 820 2FTANT,SP,11GHZ,RFU-C TYPE&STD UBR100 - ANDREW	CAMBIUM NETWORKS LIM
DSN110082D073A	N110082D073A	PTP 820 3FT ANT,SP,11GHZ,RFU-C TYPE&STD UBR100 - ANDREW	CAMBIUM NETWORKS LIM
DSN110082D075A	N110082D075A	PTP 820 4FT ANT,SP,11GHZ,RFU-C TYPE&STD UBR100 - ANDREW	CAMBIUM NETWORKS LIM
DSN110082D077A	N110082D077A	PTP 820 6FT ANT,SP,10_11GHZ,RFU-C TYPE&STD UBR100 - ANDREW	CAMBIUM NETWORKS LIM
DSN110082D098A	N110082D098A	PTP 820 3FT ANT ,SP, 11GHZ, RFU-C TYPE & UBR100 - RADIOWAVE	CAMBIUM NETWORKS LIM
DSN110082D100A	N110082D100A	PTP 820 4' ANT,SP,11GHZ,RFU-C TYPE&UDR100 - RADIOWAVE	CAMBIUM NETWORKS LIM
DSN110082D102A	N110082D102A	PTP 820 6FT ANT,SP,11GHZ,RFU-C TYPE&UDR100 - RADIOWAVE	CAMBIUM NETWORKS LIM
DSN110082L002A	N110082L002A	PTP 820 RFU-C ADPT 10_11GHZ REMOTE MOUNT ADAPTOR - UBR100	CAMBIUM NETWORKS LIM
DSN110082L082A	N110082L082A	PTP 820C OMT KIT 10-11GHZ	CAMBIUM NETWORKS LIM
DSN110082L084A	N110082L084A	PTP 820 RFU-A 11GHZ L-BEND T1	CAMBIUM NETWORKS LIM
DSN110082L086A	N110082L086A	PTP 820 RFU-A 11GHZ SYSTEM HOUSING	CAMBIUM NETWORKS LIM
DSN110082L087A	N110082L087A	PTP 820 RFU-A 11GHZ TERMINATION	CAMBIUM NETWORKS LIM
DSN110082L090A	N110082L090A	PTP 820 RFU-C 10_11GHZ COUPLER KIT	CAMBIUM NETWORKS LIM
DSN110082L092A	N110082L092A	PTP 820 RFU-C 10_11GHZ OMT INTERFACE-ANDREW	CAMBIUM NETWORKS LIM
DSN110082L093A	N110082L093A	PTP 820 RFU-C 10_11GHZ TWIST ADAPTOR KIT	CAMBIUM NETWORKS LIM
DSN110082L106A	N110082L106A	PTP 820 FLEXIBLE TWIST,WR90,PBR100, 35.0 INCH,CPR90F,10-11 GHZ	CAMBIUM NETWORKS LIM
DSN110082L107A	N110082L107A	PTP 820 FLX-HNGR-11GHZ	CAMBIUM NETWORKS LIM
DSN110082L111	N110082L111	FIXED-TUNED PBR100 CONNECTOR FOR EWP90	CAMBIUM NETWORKS LIM
DSN150080R003A	N150080R003A	ODU-A 15GHZ, TR640, LO, B2 (14605.0 - 14715.0 MHZ), RECT WG, NEG POL	CAMBIUM NETWORKS LIM
DSN150080R004A	N150080R004A	ODU-A 15GHZ, TR640, LO, B2 (15245.0 - 15355.0 MHZ), RECT WG, NEG POL	CAMBIUM NETWORKS LIM
DSN180082D031A	N180082D031A	PTP 820 1FT ANT,SP,18GHZ,RFU-C TYPE&STD UBR320 - ANDREW	CAMBIUM NETWORKS LIM
DSN180082D033A	N180082D033A	PTP 820 2FT ANT,SP,18GHZ,RFU-C TYPE&STD UBR220 - ANDREW	CAMBIUM NETWORKS LIM
DSN180082D052A	N180082D052A	PTP 820 2FT ANT,SP,18GHZ,RFU-C TYPE&UDR220 - RADIOWAVE	CAMBIUM NETWORKS LIM
DSN180082L046A	N180082L046A	PTP 820 RFU-C 18GHZ COUPLER KIT	CAMBIUM NETWORKS LIM
DSN180082L049A	N180082L049A	PTP 820 RFU-C 18GHZ TWIST ADAPTOR KIT	CAMBIUM NETWORKS LIM
DSN180082L050A	N180082L050A	PTP 820 RFU-C SPLITTER KIT 18GHZ (UBR220)	CAMBIUM NETWORKS LIM
DSN180082L059A	N180082L059A	PTP 820 FLX-HNGR-18_26GHZ	CAMBIUM NETWORKS LIM
DSN230082D021A	N230082D021A	PTP 820 1FT ANT,SP,23GHZ,RFU-C TYPE&STD UBR220 - ANDREW	CAMBIUM NETWORKS LIM
DSN241212	N2412-12	CONVERTER, 28 VDC	ASTRON CORP
DSN241224	N2412-24	CONVERTER, 28 VDC	ASTRON CORP
DSN254024	N254-024	24-PORT CAT6 FEED THROUGH PATCH PANEL 568A/B RJ45 1URM TAA	TRIPP LITE MANUFACTU
DSN420S	N420S	1/4-20 HEX NUT 18-8 SS (SOLD INDIVIDUALLY)	HARGER INC
DSNCW2178	HOFFMAN NCW2178	NET SERIES COMMUNICATION CABINET, 84HX19WX33.98D, 43U	ANIXTER INC
DSNFA01250	NFA01250	NFA01250, N FEMALE FOR 1/2" CABLE	TRIOLOGY COMMUNICATIO
DSNFA07850	NFA07850	NFA07850, N FEMALE FOR 7/8" CABLE	TRIOLOGY COMMUNICATIO
DSNFA11450	NFA11450	NFA11450, N FEMALE FOR 1-1/4" CABLE	TRIOLOGY COMMUNICATIO
DSNFA15850	NFA15850	NFA15850, N FEMALE FOR 1-5/8" CABLE	TRIOLOGY COMMUNICATIO
DSNFP01250	NFP01250	NFP01250, N FEMALE, PLENUM FOR 1/2" CABLE	TRIOLOGY COMMUNICATIO

DSNIC1003Z0110VV	NIC1003-Z01-10VV	CONTROLLER OUTPUT TO 13.7V	ELTEK INC
DSNMA01250	NMA01250	NMA01250, N MALE FOR 1/2" CABLE	TRILOGY COMMUNICATIO
DSNMA05850	NMA05850	NMA05850, N MALE FOR 5/8" CABLE	TRILOGY COMMUNICATIO
DSNMA07850	NMA07850	NMA07850, N MALE FOR 7/8" CABLE	TRILOGY COMMUNICATIO
DSNMA11450	NMA11450	NMA11450, N MALE FOR 1-1/4" CABLE	TRILOGY COMMUNICATIO
DSNMOKMPL	NMOKMPL	COAX CABLE KIT W/MINI PL CONNECTOR	PULSE ELECTRONICS IN
DSNMP01250	NMP01250	NMP01250, N MALE, PLENUM FOR 1/2" CABLE	TRILOGY COMMUNICATIO
DSNMPR01250	NMPR01250	NMPR01250, 1/2" N MALE RIGHT ANGLE CONNECTOR FOR PLENUM CABLE	TRILOGY COMMUNICATIO
DSNP126T	NP12-6T	BATTERY, 6V, 12 AH ENERSYS GENESIS NP12-6T	ELTEK INC
DSNSB100FT	NSB100FT	BATTERY, 12V, 100AH RED NORTHSTAR	NORTHSTAR BATTERY CO
DSNSB155FT	NSB155FT	BATTERY, 12V, 155AH RED NORTHSTAR	NORTHSTAR BATTERY CO
DSNSB210FT	NSB210FT	BATTERY, 12V, 210AH RED NORTHSTAR	NORTHSTAR BATTERY CO
DSNX08KW208V026B	NX08KW208V026B	UPS, NX 10KVA/8KW, 3-PH, 26 MN RUN	CELL MANAGEMENT SYST
DSNX16KW208V009B	NX16KW208V009B	UPS, NX 20KVA/16KW, 3-PH, 9 MN RUN	CELL MANAGEMENT SYST
DSNX24KW208V009B	NX24KW208V009B	UPS, NX 30KVA/24KW, 3-PH, 9 MN RUN	CELL MANAGEMENT SYST
DSNX24KW208V025B	NX24KW208V025B	UPS, NX 30KVA/24KW, 3-PH, 25 MN RUN	CELL MANAGEMENT SYST
DSOA202041DIN	OA2020-41-DIN	OFFSET, EXPOSED DIPOLE ARRAY, 2 X 5 DBD, 136-174 MHZ, PIM RATED	RFI AMERICAS INC
DSOA202067DIN	OA2020-67-DIN	LOW PIM, 400-520MHZ, EXP DIPOLE, DUAL, OFFSET, 5/5DBD, DIN, 500W, 14LB	RFI AMERICAS INC
DSOA2041DIN	OA20-41-DIN	OFFSET, EXPOSED DIPOLE ARRAY, 5 DBD, 136-174 MHZ, PIM RATED	RFI AMERICAS INC
DSOA2057DIN	OA20-57-DIN	OFFSET, EXPOSED DIPOLE ARRARRAY, 5 DBD, 330-420 MHZ, PIM RATED	RFI AMERICAS INC
DSOA2067DIN	OA20-67-DIN	OFFSET, EXPOSED DIPOLE ARRAY, 5 DBD, 400-520 MHZ, PIM RATED	RFI AMERICAS INC
DSOA4041DIN	OA40-41-DIN	OFFSET, EXPOSED DIPOLE ARRAY, 9 DBD, 136-174 MHZ, PIM RATED	RFI AMERICAS INC
DSOA4057DIN	OA40-57-DIN	OFFSET, EXPOSED DIPOLE ARRAY, 9 DBD, 330-420 MHZ, PIM RATED	RFI AMERICAS INC
DSOA4067DIN	OA40-67-DIN	OFFSET, EXPOSED DIPOLE ARRAY, 9 DBD, 400-520 MHZ, PIM RATED	RFI AMERICAS INC
DSOA4067DINT3	OA40-67-DIN-T3	CLAMPS NOT INCLUDED, ORDER KIT DSUC1143 IF REQUIRED	RFI AMERICAS INC
DSOA8067DIN	OA80-67-DIN	OFFSET, EXPOSED DIPOLE ARRAY, 11 DBD, 400-520 MHZ, PIM RATED	RFI AMERICAS INC
DSOA8067DINT3	OA80-67-DIN-T3	OFFSET, EXPOSED DIPOLE ARRAY, 11DBD, 400-520MHZ, 3DEG DT, PIM RATED	RFI AMERICAS INC
DSOD62DX	OD-62DX	DDB OD-62DX 33RU OUTDOOR ENCLOSURE UNPAINTED	ANIXTER INC
DSOD78DDX	OD-78DDX	DDB UNLIMITED (78HX25WX42D INCH) SINGLE BAY OUTDOOR CABINET	ANIXTER INC
DSOMNISM1400PNP	OMNI SMT1400PNP	UPS, 1400VA OMNISMART TOWER LINE-INTERACTIVE 120V 6 OUTLET	TRIPP LITE MANUFACTU
DSOP820B	1101-356-1	PDU, 120V HARDWARE (8) 20A OUTLET PDU WITH TYPE 3 SAD PROTECTION	TRANSTECTOR SYSTEMS
DSOP820B2	1101-700	PDU, 240V HW (8) IEC 320 OUTLET PDU W/TYPE 3 SAD PROTECTION	TRANSTECTOR SYSTEMS
DSOR808004389	OR-808004389	MOD 8/ TELCO PANEL, HIGH DENSITY, 24 PORTS / 4,5 / F50	GRAYBAR ELECTRIC CO
DSOSLN501	OSLN50-1	PRECISION N(M) OPEN/SHORT/LOAD, 42 DB, 6.0 GHZ	ANRITSU COMPANY
DSOTEC125ID	OTEC125 ID	AUTO TRANSFER SWITCH, 125A, 120/240V, INDOOR ENCLOSURE	CUMMINS NPOWER LLC
DSOTEC125OD	OTEC125 OD	AUTO TRANSFER SWITCH, 125A, 120/240V 1PH, OUTDOOR ENCLOSURE	CUMMINS NPOWER LLC
DSOTEC225ID	OTEC225 ID	AUTOMATIC TRANSFER SWITCH, 225A, 120/240V 1PH, INDOOR ENCL	CUMMINS NPOWER LLC
DSOTEC225ID3P	OTEC 225 ID 3PH 120/208	AUTO TRANSFER SWITCH, 225A 3-PH, 120/208 INDOOR	CUMMINS NPOWER LLC
DSOTEC225ID3P480	OTEC225 3PH 277/480V ID	AUTO TRANSFER SWITCH, 225A 3-PH, 277/480 INDOOR	CUMMINS NPOWER LLC
DSOTEC225OD	OTEC 225 OD	AUTO TRANSFER SWITCH, 225A, 120/240V 1PH, OUTDOOR ENCLOSURE	CUMMINS NPOWER LLC
DSOTEC260ID	OTEC 260A ID ATS	AUTOMATIC TRANSFER SWITCH, 260A, 120/240V 1PH, INDOOR ENCL	CUMMINS NPOWER LLC
DSOTEC300ID	OTEC 300A ID ATS	AUTO TRANSFER SWITCH, 300A, 120/240V 1PH, INDOOR ENCLOSURE	CUMMINS NPOWER LLC
DSOTEC300OD	OTEC 300A OD ATS	AUTO TRANSFER SWITCH, 300A, 120/240V 1PH, OUTDOOR ENCLOSURE	CUMMINS NPOWER LLC
DSOTEC300OD3PH	OTEC300 3-PHASE	AUTO TRANSFER SWITCH, 300A, 3-PH, OUTDOOR	CUMMINS NPOWER LLC
DSOTEC400ID	OTEC 400A ID ATS	AUTO TRANSFER SWITCH, 400A, 120/240V 1PH, INDOOR ENCLOSURE	CUMMINS NPOWER LLC
DSOTEC400ID3PH	OTEC400 3PH, NEMA 1	AUTO TRANSFER SWITCH, 400A, 3-PH, INDOOR	CUMMINS NPOWER LLC
DSOTEC600ID3PH	600 OTEC 3PH NEMA 1	AUTO TRANSFER SWITCH, 600A, 3PH, INDOOR	CUMMINS NPOWER LLC
DSOTEC600OD3PH	600 OTEC 3PH NEMA 3R	AUTO TRANSFER SWITCH, 600A, 3PH, OUTDOOR	CUMMINS NPOWER LLC
DSP004006	P004-006	AC POWER EXTENSION CABLE - PC STYLE PLUGS (IEC-320-C14 TO IEC-320-C13)	TRIPP LITE MANUFACTU
DSP005006	P005-006	TRIPP LITE 6FT HEAVY DUTY POWER EXTENSION CORD	CDW DIRECT LLC
DSP04268	P04268	ALUMINUM 6061-T6. PIPE 1 INCH SCHED 40	PCTEL INC
DSP1015MOUC5	P10-15MO-U-C5	UHF C5 AMP, 406-512MHZ, 100W OUTPUT, 15-25W INPUT, 13.8DC	CRESCEND TECHNOLOGIE
DSP1015MOUC7	P10-15MO-U-C7	C7 UHF AMP, 406-512MHZ, 100W OUTPUT, 15-25W INPUT, 13.8DC	CRESCEND TECHNOLOGIE
DSP1015MOV5	P10-15MO-V-C5	VHF C5 AMP, 136-174MHZ, 100W OUTPUT, 15-25W INPUT, 13.8DC	CRESCEND TECHNOLOGIE
DSP1015MOV7	P10-15MO-V-C7	C7 VHF AMP, 136-174MHZ, 100W OUTPUT, 15-25W INPUT, 13.8DC	CRESCEND TECHNOLOGIE
DSP1020MOUC5	P10-20MO-U-C5	UHF C5 AMP, 406-512MHZ, 100W OUTPUT, 20-50W INPUT, 13.8DC	CRESCEND TECHNOLOGIE
DSP1020MOUC7	P10-20MO-U-C7	C7 UHF AMP, 406-512MHZ, 100W OUTPUT, 20-50W INPUT, 13.8DC	CRESCEND TECHNOLOGIE
DSP1020MOUPS	P10-20MO-U-PS	UHF C5 AMP, 406-512MHZ, 100W OUTPUT, 20-50W INPUT, 13.8DC/110 AC	CRESCEND TECHNOLOGIE
DSP1020MOV5	P10-20MO-V-C5	VHF C5 AMP, 136-174MHZ, 100W OUTPUT, 20-50W INPUT, 13.8DC	CRESCEND TECHNOLOGIE
DSP1020MOV7	P10-20MO-V-PS	VHF C5 AMP, 136-174MHZ, 100W OUTPUT, 20-50W INPUT, 13.8DC/110 AC	CRESCEND TECHNOLOGIE
DSP1515MOJK6	P15-15MO-JK-C6	C6 800MHZ AMP, 764-870MHZ, 150W OUTPUT, 15-25W INPUT, 13.8DC	CRESCEND TECHNOLOGIE
DSP1515MOLC6	P15-15MO-L-C6	C6 900MHZ AMP, 928-942MHZ, 150W OUTPUT, 15-25W INPUT, 13.8DC	CRESCEND TECHNOLOGIE
DSP1520MOJK6	P15-20MO-JK-C6	C6 800MHZ AMP, 764-870MHZ, 150W OUTPUT, 20-50W INPUT, 13.8DC	CRESCEND TECHNOLOGIE
DSP1520MOLC6	P15-20MO-L-C6	C6 900MHZ AMP, 928-942MHZ, 150W OUTPUT, 20-50W INPUT, 13.8DC	CRESCEND TECHNOLOGIE
DSP195H810B	P195H810B	SHELF, ADJUSTABLE DEPTH 19 INCH, COLOR BLACK	ANIXTER INC
DSP3RR420A	P3RRF20A	BLANK PANEL, 19 INCH 3 RU	LAMARCHE MFG CO
DSP3RRBA03A	P3RRBA03A	BATTERY TRAY, 19 IN W X 19 IN D	LAMARCHE MFG CO
DSP3RRBA03AZ	P3RRBA03AZ	BATTERY TRAY, 19 IN W X 19 IN D WITH SEISMIC TIE DOWNS	LAMARCHE MFG CO
DSP3RRBA08AX	P3RRBA08AX	BATTERY TRAY, 23 IN SEISMIC FOR FRONT TERMINATING BATTS	LAMARCHE MFG CO
DSP3RRP040	P3RRP040	19WX84H WIDE RELAY RACK	LAMARCHE MFG CO
DSP3RRP060	P3RRP060	RELAY EQUIPMENT RACK 7 FT X 23 IN	LAMARCHE MFG CO

DSP4ACELB200D1B	P4ACELB200D1B	BREAKER 200 AMP FOR DCPS POWER SYSTEM	LAMARCHE MFG CO
DSP4AIELB100D1B	P4AIELB100D1B	BREAKER 100 AMP FOR DCPS POWER SYSTEM	LAMARCHE MFG CO
DSP4AIELB10D1B	P4AIELB10D1B	BREAKER 10 AMP FOR DCPS POWER SYSTEM	LAMARCHE MFG CO
DSP4AIELB20D1B	P4AIELB20D1B	BREAKER 20 AMP FOR DCPS POWER SYSTEM	LAMARCHE MFG CO
DSP4AIELB50D1B	P4AIELB50D1B	BREAKER 50 AMP FOR DCPS POWER SYSTEM	LAMARCHE MFG CO
DSP4ALELB150D1B	P4ALELB150D1B	150A BATTERY BREAKER	LAMARCHE MFG CO
DSP750006	P750-006	CABLE, PS/2 CABLE KIT FOR KVM SWITCH B004-008 - 6 FT	TRIPP LITE MANUFACTU
DSP774006	P774-006	CABLE, PS/2 CABLE KIT FOR B020- AND B022- SERIES KVM SWITCHES - 6 FT	TRIPP LITE MANUFACTU
DSP776006	P776-006	USB CABLE KIT FOR B020- AND B022- SERIES KVM SWITCHES - 6 FT	TRIPP LITE MANUFACTU
DSP776019	P776-019	CABLE, KVM USB CABLE KIT FOR B020/B022 SERIES SWITCHES - 19 FT	TRIPP LITE MANUFACTU
DSP778006	P778-006	CABLE, KVM USB-PS2 COMBO KIT FOR B020/22-U08/16 SERIES SWITCHES 6 FT	TRIPP LITE MANUFACTU
DSP820MOJKPS	P8-20MO-JK-PS	800MHZ C5 AMP, 764-870MHZ, 80W OUTPUT, 20-50W INPUT, 13.8DC/110 AC	CRESCEND TECHNOLOGIE
DSPAR659WPXAA	PAR6-59W-PXA/A	6 FT PARABOLIC UNSHIELDED ANT,SINGLE-POLARIZED,5.925-7.125 GHZ,CPR13	COMMSCOPE TECHNOLOGI
DSPARX659WPXAA	PARX6-59W-PXA/A	6FT PARAB UNSHIELD CATEGORY A, DUAL-POLARIZED, 5.925-7.125GHZ, CPR13	COMMSCOPE TECHNOLOGI
DSPBA10	PBA-10	PBA PLUG-IN BREAKER 10 AMP	NEWMAR
DSPBA100	PBA-100	100 AMP CIRCUIT BREAKER	NEWMAR
DSPBA20	PBA-20	PBA PLUG-IN BREAKER 20 AMP	NEWMAR
DSPBA25	PBA-25	BREAKER, 25 AMP CIRCUIT BREAKER PBA	NEWMAR
DSPBA30	PBA-30	30 AMP CIRCUIT BREAKER	NEWMAR
DSPBA40	PBA-40	40 AMP CIRCUIT BREAKER	NEWMAR
DSPBA5	PBA-5	PBA PLUG-IN BREAKER 5 AMP	NEWMAR
DSPBA50	PBA-50	50 AMP CIRCUIT BREAKER	NEWMAR
DSPBM6607	1101-162	SPD, PUNCH DOWN FOR M66 BLOCK, PAIR PROTECTION 40V FOR ALARM CIRC	TRANSTECTOR SYSTEMS
DSPDU1220	PDU1220	TRIPP LITE PDU BASIC 120V 20A 5-15/20R 13 OUTLET 5-20P HORIZONTAL 1URM	TRIPP LITE MANUFACTU
DSPDU1220T	PDU1220T	PDU, BASIC 120V 20A 5-15/20R 13 OUTLET L5-20P HORIZONTAL 1URM	TRIPP LITE MANUFACTU
DSPDU1230	PDU1230	PDU,208 VOLTS 30 AMPS (12) C-13 AC RECEPTACLES (3) 10 AMP BREAKERS	TRIPP LITE MANUFACTU
DSPDU20B2F8R	PDU20B2F8R	PDU, 10-OUTLET (2 FRONT 8 REAR) RACK MOUNT, 120V 20A OUTPUT	GRAYBAR ELECTRIC CO
DSPDU20BT10R	PDU20BT10R	PDU, 10-OUTLET RACK MOUNT, 120V 20A OUTPUT NEMA L5-20P TWIST LOCK F	GRAYBAR ELECTRIC CO
DSPDU20BT12R	PDU20BT12R	PDU, 12-OUTLET RACK MOUNT, 120V 20A OUTPUT NEMA L5-20P TWIST LOCK F	GRAYBAR ELECTRIC CO
DSPDU20BT8R	PDU20BT8R	PDU, 8-OUTLET RACK MOUNT, 120V 20A OUTPUT, NEMA L5-20P TWIST LOCK P	GRAYBAR ELECTRIC CO
DSPDUMH20AT	PDUMH20AT	SWITCH, 120 VOLTS 20 AMPS (16) 5-15R/20R AC RECEPTACLES 12 FT CORD	TRIPP LITE MANUFACTU
DSPDUMH20ATNET	PDUMH20ATNET	PDU SWITCHED AT5 120V 20A 5-15/20R 16 OUTLET L5-20P HORIZONTAL	TRIPP LITE MANUFACTU
DSPDUMH20NET	PDUMH20NET	PDU SWITCHED 120V 20A 5-15/20R 16 OUTLET 1U RM	TRIPP LITE MANUFACTU
DSPDUMV40	PDUMV40	PDU, 120 VOLTS 40(2X20) AMPS 32(2X16) 5-15R/20R AC RECEPTACLES (2) 20	TRIPP LITE MANUFACTU
DSPF7982100331N	PF7982-1003-31N	BANDPASS FILTER, RX, 3 MHZ BW, RANGE 796-824 MHZ	RFI AMERICAS INC
DSPF7982100631N	PF7982-1006-31N	BANDPASS FILTER, RX, 6 MHZ BW, RANGE 796-824 MHZ	RFI AMERICAS INC
DSPF7982101031N	PF7982-1010-31N	BANDPASS FILTER, RX, 10 MHZ BW, RANGE 796-824 MHZ	RFI AMERICAS INC
DSPF7982101531N	PF7982-1015-31N	BANDPASS FILTER, RX, 15 MHZ BW, RANGE 796-824 MHZ	RFI AMERICAS INC
DSPF7982101831N	PF7982-1018-31N	BANDPASS FILTER, RX, 18 MHZ BW, RANGE 796-824 MHZ	RFI AMERICAS INC
DSPF7982101831N2	PF7982-1018-31N-2	BANDPASS FILTERS, TWO ON 1RU PANEL, RX, 18MHZ BW, RANGE 796-824MHZ	RFI AMERICAS INC
DSPJ745	PJ745	PJ745: PLUG LOOPING BNT BRASS 2C	COMMSCOPE TECHNOLOGI
DSPJ772	PJ772	PJ772: P/C-BNT-DL-3C-072	COMMSCOPE TECHNOLOGI
DSPKGRAC3230261	PKGRAC3230261	DC POWER SYSTEM FP2 48V 450A TRILOGY 2BT 19 IN 2 DIST	ELTEK INC
DSPKGRAC3234521	PKGRAC323452-1	DC POWER SYSTEM FP2 48V 450A 23 INCH 2 BT, SMARTPACK	ELTEK INC
DSPL657WPXAA	PL6-57W-PXA/A	FLEXIBLE TWIST FOR WR112, 7.05*10.0 GHZ, CPR112G 600 MM	COMMSCOPE TECHNOLOGI
DSPPLUG12	PLUG-12	PLUG-12 1/2" ENTRY BOOT PLUGS	COMMSCOPE TECHNOLOGI
DSPM1240	PM-12-40	POWER MODULE, 12VDC OUTPUT, 40 AMPS	NEWMAR
DSPM1280	PM-12-80	POWER MODULE, 12VDC OUTPUT, 80 AMPS	NEWMAR
DSPM4810	PM-48-10	POWER MODULE, RACKMOUNT, 115V INPUT, 48VDC OUTPUT, 10 AMPS	NEWMAR
DSPM4820	PM-48-20	POWER MODULE, RACKMOUNT, 115V INPUT, 48VDC OUTPUT, 20 AMPS	NEWMAR
DSPMLSU463	PML-SU4-63	LARGE LEG UNIVERSAL SLIDING PIPE MOUNT KIT, 4-1/2 IN OD X 63 IN PIPE	COMMSCOPE TECHNOLOGI
DSPMLSU4B	PML-SU4-B	LARGE LEG UNIVERSAL SLIDING PIPE MOUNT KIT FOR 4-1/2 IN OD PIPE	COMMSCOPE TECHNOLOGI
DSPMSU2B	PM-SU2-B	UNIV. SLIDING PIPE MOUNT KIT, 2-3/8" OD	COMMSCOPE TECHNOLOGI
DSPMXT24	PM-XT-24	STAND-OFF PIPE MOUNT, 24 IN STAND-OFF	COMMSCOPE TECHNOLOGI
DSPPOWERMOD	NPOWER MOD	4KVA/2.8KW POWER MODULE-LIEBERT NFINITY	CELL MANAGEMENT SYST
DSPRD8	PRD8	PANDUIT PATCHRUNNER DUAL-HINGED METAL DOOR 45RU BLACK	ANIXTER INC
DSPREM1114M	1114M	CABLE 5' RJ48M TO DB25M STRAIGHT	PRODUCT SOURCE INTER
DSPREM1119P	1119P	CUSTOM CONNECTOR PANEL, 19IN RACK MOUNT, 1 X RJ21M (5FT), 8 X RJ45 E	PRODUCT SOURCE INTER
DSPREM1181	1181	ADAPTER 50 PIN TO 8 RJ48	PRODUCT SOURCE INTER
DSPREM1203F	1203F	CABLE 5FT DB25M TO V.35F STRAIGHT	PRODUCT SOURCE INTER
DSPREM1210	1210	5'50 PIN MALE TO MALE	PRODUCT SOURCE INTER
DSPREM1239	1239	Y ADAPTER 1:1 WAN REDUNDANCY	PRODUCT SOURCE INTER
DSPREM1504	1504	M66 BLOCK WITH 2 FEMALE 50 PIN	PRODUCT SOURCE INTER
DSPREM200103	200103	IMACS BLANK PANEL	PRODUCT SOURCE INTER
DSPREM3010AR	3010AR	ADVANCE REPLACEMENT UPGRADE OF ANY USER CARD	PRODUCT SOURCE INTER
DSPREM60101	60101	SNMP OPTION FOR IMACS	PRODUCT SOURCE INTER
DSPREM63130	63130	MCC FIRMWARE, MGMT COMM CONCENTRATOR FIRMWARE FOR ACS. VERSIC	PRODUCT SOURCE INTER
DSPREM70012	70012	EMS LICENSE UPGRADE PACKAGE FROM 1 TO 2 (200 NODES)	PRODUCT SOURCE INTER
DSPREM801070	801070	WAN CARD, DUAL T1/E1, CE MARKED	PRODUCT SOURCE INTER
DSPREM801470	801470	WAN CARD, DUAL T1/E1 WAN CARD WITH RELAYS	PRODUCT SOURCE INTER
DSPREM810860	810860	8 PORT 2W E M TO CARD	PRODUCT SOURCE INTER



DSPREM811960	811960	8 PORT 4W E M TO EXT RANGE CRD	PRODUCT SOURCE INTER
DSPREM812960	812960	8 PORT 2W FXS MRD DPT 600 OHM	PRODUCT SOURCE INTER
DSPREM813970	813970	FXO CARD, 8-PORT, 2-WIRE, 600 OHM	PRODUCT SOURCE INTER
DSPREM816460	816460	4 PORT 4W DSM CARD	PRODUCT SOURCE INTER
DSPREM820260	820260	2 PORT RS 530 RS449 HSU CARD	PRODUCT SOURCE INTER
DSPREM820360	820360	2 PORT V 11 HSU CARD	PRODUCT SOURCE INTER
DSPREM821260	821260	2 PORT V 35 HSU CARD WITH DB25F	PRODUCT SOURCE INTER
DSPREM821570	821570	4 PORT RS530 V35 HSU CARD IMPROVED CLOCK JITTER	PRODUCT SOURCE INTER
DSPREM822061	822061	10 PORT RS232C SRU	PRODUCT SOURCE INTER
DSPREM8249	8249	DATA CARD 2 PORT OCU DP WITH ERROR	PRODUCT SOURCE INTER
DSPREM840160	840160	EXT ALARM CARD 4 IN 4 OUT	PRODUCT SOURCE INTER
DSPREM864	864	FRED SECURE CHILD CARD	PRODUCT SOURCE INTER
DSPREM880370	880370	CPU CARD, XCON CROSS-CONNECT, UP TO 8 E1 T1	PRODUCT SOURCE INTER
DSPREM880460	880460	CPU 2T1 E1 RCON BUS-CONNECT	PRODUCT SOURCE INTER
DSPREM880770	880770	CPU CARD, XCON CROSS-CON, 7,X, UP TO 8 E1 T1, 7.5.5 FIRMWARE	PRODUCT SOURCE INTER
DSPREM881360	881360	881360 ADVANCED COMM SERVER, MCC, 128 REMOTE MGMT PORTS 1 10 BASE-T, 4 PORT, CE MARKED	PRODUCT SOURCE INTER
DSPREM883270	883270-66112	ENHANCED IP ROUTER & BRIDGING SERVER CRD, 100 BASE-T, 4 PORT, CE MARKED	PRODUCT SOURCE INTER
DSPREM88327566125	883275 W/883270-66125	ENHANCED IP ROUTER & BRIDGING SERVER CARD, 10/100 BASE-T, 4 PORT, CE MARKED	PRODUCT SOURCE INTER
DSPREM88327566126	883275 W/883275-66126	ENHANCED IP ROUTER & BRIDGING SERVER CARD, 10/100 BASE-T, 4 PORT, CE MARKED	PRODUCT SOURCE INTER
DSPREM8835707122	883570 W/883570-67122	ZHONE PSEUDOWIRE CARD (PWE). GIGE UPLINK, ONE TO EIGHT CESOPSTN E1/	PRODUCT SOURCE INTER
DSPREM88507068300	885070-68300	881360 ANALOG BRIDGING SERVER CARD, CE MARKED W/68300 FIRMWARE	PRODUCT SOURCE INTER
DSPREM887170	887170	ADPCM SERVER CARD	PRODUCT SOURCE INTER
DSPREM8901	8901	AC POWER SUPPLY 110/220VAC	PRODUCT SOURCE INTER
DSPREM890220	890220	DC POWER SUPPLY 48 VDC	PRODUCT SOURCE INTER
DSPREM8905	8905	110-220 VAC TO 48 VDC CNVTR	PRODUCT SOURCE INTER
DSPREM890620	890620	RING GENERATOR	PRODUCT SOURCE INTER
DSPREM8907	8907	24V POWER SUPPLY	PRODUCT SOURCE INTER
DSPREM891630	891630	UNIVERSAL ENCLOSURE TENSR 600	PRODUCT SOURCE INTER
DSPREM891830	891830	UNIVERSAL ENCLOSURE TENSR 800	PRODUCT SOURCE INTER
DSPREM892060	892060	8T1 E1 IF CARD 32K WITH MODEM	PRODUCT SOURCE INTER
DSPREM892260	892260	8T1 IF 128K NO MODEM EXT SYNC	PRODUCT SOURCE INTER
DSPREM892360	892360	8T1 E1 IF CARD 128K WITH MODEM	PRODUCT SOURCE INTER
DSPREM893270	893270	REDUNDANT IF CARD, 8 T1/E1 PORTS, NO MODEM, EXTERNAL SYNC (FRAMED	PRODUCT SOURCE INTER
DSPREM893370	893370	8T1 E1 IF CARD 128K WITH MODEM FOR 7.X.Y CPU	PRODUCT SOURCE INTER
DSPRV8	PRV8	PANDUIT PATCHRUNNER VERTICAL CABLE MGR FR AND REAR 8IN FOR 7FT RACK	ANIXTER INC
DSPST012	PST012	PST012, PLENUM STRIP TOOL	TRIOLOGY COMMUNICATIO
DSPST012RB	PST012-RB	PST012-RB, PLENUM STRIP TOOL REPLACEMENT BLADE	TRIOLOGY COMMUNICATIO
DSPTS150P	PTS1-50-P	PLENUM,CORRUGATED 1/4IN WHITE FR-PVC JACKET	COMMSCOPE TECHNOLOGI
DSPTS250P	PTS2-50-P	PLENUM,CORRUGATED 3/8IN WHITE FR-PVC JACKET	COMMSCOPE TECHNOLOGI
DSPV2002774803Y	B93-00-2740	SPD, TYPE 2, 480/227VAC, 3-PHASE, NEMA 4 ENCLOSURE, MOV	TRANSTECTOR SYSTEMS
DSPV700HF	PV700HF	INVERTER, 12V DC TO AC, PORTABLE 700 CONTINUOUS WATTAGE 1400 INSTANT	TRIPP LITE MANUFACTU
DSPVCM2	PVCM2	HOFFMAN VERTICAL CABLE MGR 2, STEEL BLACK	ANIXTER INC
DSPVCMTD20	PVCMTD20	HOFFMAN VERT CABLE MGR TIE DOWN	ANIXTER INC
DSQT025IDVP	LPV25ID - QT025A LPV, NO HSG	GENERATOR, 25KW LP VAPOR, QT SERIES, 120/240V 1PH, NO HOUSING (INDOOR)	GENERAC POWER SYSTEM
DSQT025SANG	QT02524ANSNA	GENERATOR, 25KW NAT GAS/LPV, QT SERIES, 120/240V 1PH, OD HSG	GENERAC POWER SYSTEM
DSR4P	R4P	PANDUIT 7FT 4 POST RACK 30IN DEEP BLACK	ANIXTER INC
DSR4P36CN96	R4P36CN96	36 INCH DEEP 4 POST RACK WITH CAGE NUTS 8 FOOT	ANIXTER INC
DSR4PCN96	R4PCN96	4 POST RACK WITH CAGE NUT RAILS, 96.1HX23.3WX30D,52RU, BLACK ,ROHS	ANIXTER INC
DSR4PNF	R4PNF	N FEMALE LOW PIM POSITIVE STOP FOR 1/2 IN RCT RADIAX CABLE	COMMSCOPE TECHNOLOGI
DSR4PNM	R4PNM	N MALE LOW PIM POSITIVE STOP FOR 1/2 IN RCT RADIAX CABLE	COMMSCOPE TECHNOLOGI
DSR4PWF	R4PWF	PANDUIT WATERFALL 4 POST RACK BLACK 1.9INH X 26.1INW X 8.5IND	ANIXTER INC
DSR8000C3GPREMIER	R8000C-3G PREMIER	R8000C 3GHZ PREMIER PCKG (W/ R8-3G;R8-REMOTE;R8-TG;R8-ESA;R8-CF;R8-S	FREEDOM COMMUNICATIO
DSR8100	R8100	R8100 COMMUNICATIONS SYS ANALYZER (W/R8-TG; R8-ESA; R8-CF; BATT8100	FREEDOM COMMUNICATIO
DSR8ATAPX	R8-AT_APX	R8000 AUTOTUNE FOR APX	FREEDOM COMMUNICATIO
DSR8ATKWNX	R8-AT_KWNX	R8000 AUTOTUNE FOR KENWOOD NX SERIES MOBILE AND PORTABLE RADIOS	FREEDOM COMMUNICATIO
DSR8ATXG75	R8-AT_XG-75	AUTOTUNE FOR HARRIS XG-75 SERIES MOBILES AND PORTABLES	FREEDOM COMMUNICATIO
DSR8ATXL200	R8-AT_XL200	R8000 AUTOTUNE FOR HARRIS XL200 RADIOS	FREEDOM COMMUNICATIO
DSR8ATXM100	R8-AT_XM100	R8000 AUTOTUNE FOR HARRIS XG-100M MOBILES	FREEDOM COMMUNICATIO
DSR8AUTOTUNEXTL	R8-AT_XTL	R8000 AUTOTUNE FOR XTL MOBILES	FREEDOM COMMUNICATIO
DSR8AUTOTUNEXTS	R8-AT_XTS	R8000 AUTOTUNE FOR XTS PORTABLES	FREEDOM COMMUNICATIO
DSR8DMR	R8-DMR	R8000 MOTOTRBO TEST PACKAGE SW UPGRADE TO FIELDIED UNIT	FREEDOM COMMUNICATIO
DSR8DPMR	R8-DPMR	R8000 DPMR TEST	FREEDOM COMMUNICATIO
DSR8FT7	R8-FT7	R8000 DRIVE-TEST SOFTWARE	FREEDOM COMMUNICATIO
DSR8GC	R8-GC	R8-GC PROTECTIVE GLOVE CASE	FREEDOM COMMUNICATIO
DSR8NXDN	R8-NXDN	NXDN TEST	FREEDOM COMMUNICATIO
DSR8NXDNTYPC	R8-NXDNTYPC	NXDN TYPE C TRUNKING	FREEDOM COMMUNICATIO
DSR8P25PHASE2	R8-P25 II	APCO PROJECT 25 PHASE 2	FREEDOM COMMUNICATIO
DSR8P25TRNK	R8-P25TRNK	R8-P25 APCO 25 TRUNKING TESTING	FREEDOM COMMUNICATIO
DSR8P25VOC	R8-P25_VOC	R8000 P25 VOCODER	FREEDOM COMMUNICATIO
DSR8TETRA	R8-TETRA	R8000 TETRA SUBSCRIBER TEST	FREEDOM COMMUNICATIO
DSR8TRBOAT	R8-TRBO_AT	R8000 AUTOTUNE FOR MOTOTRBO	FREEDOM COMMUNICATIO

DSRACKISOKIT19	RACK-ISO-KIT-19	RACK ISOLATION KIT	TRANSTECTOR SYSTEMS
DSRB121T02C	RB121T02C	BATTERY RACK, 1 TIER, FITS 2, C-SIZED BATTERIES (NON RETURNABLE)	WELDY LAMONT GROUP I
DSRB122T08E	RB122T08E	2 TIER 8 BATTERY RACK CAPABLE OF ACCOMODATING 8 E BATTERIES	WELDY LAMONT GROUP I
DSRCT4WBC1XRNA	RCT4-WBC-1X-RNA	1/2IN RADIAX RADIATING CBL, 50-2800 MHZ, FOIL,FIRE RETARD, MIN 1000FT	COMMSCOPE TECHNOLOGI
DSRDA661	RDA6-61	YAGI RUGGEDIZED 6 ELEMENT, 9DBD, 450-480MHZ, N FEMALE	RFI AMERICAS INC
DSRDA699	RDA6-99 380-400 MHZ	RUGGEDISED UHF DIRECTIONAL YAGI ANT, 380-400 MHZ, 9.0 DBD	RFI AMERICAS INC
DSRDH4499A	RDH4499A	2-FT. (0.6M), 4.4-5.0 GHZ, H-POL&V	CAMBIUM NETWORKS LIM
DSRDH4500A	RDH4500A	3-FT. (0.9M), 4.4-5.0 GHZ, DUAL-POL	CAMBIUM NETWORKS LIM
DSRDH4501A	RDH4501A	4-FT. (1.2M), 4.4-5.0 GHZ, DUAL-POL	CAMBIUM NETWORKS LIM
DSRDH4502A	RDH4502A	6-FT. (1.8M), 4.4-5.0 GHZ, DUAL-POL	CAMBIUM NETWORKS LIM
DSRDH4503B	RDH4503B	2FT,5.25-5.85GHZ W/FINE ADJ,DUAL POLE	CAMBIUM NETWORKS LIM
DSRDH4504B	RDH4504B	5.25-5.85 GHZ, 3-FT (0.9M), DUAL-POL, H-POL & V-POL	CAMBIUM NETWORKS LIM
DSRDH4505B	RDH4505B	4-FT. (1.2M), 5.25-5.85 GHZ	CAMBIUM NETWORKS LIM
DSRDH4508B	RDH4508B	2-FT.(0.6M), HIGH PERFORMANCE DUAL	CAMBIUM NETWORKS LIM
DSRDH4509B	RDH4509B	5.25-5.85 GHZ, 3-FT (0.9M), HIGH PERFORMANCE DUAL-POL	CAMBIUM NETWORKS LIM
DSRDH4510B	RDH4510B	4-FT.(1.2M), HIGH PERFORMANCE DUAL-POL, 5.25 - 5.85 GHZ	CAMBIUM NETWORKS LIM
DSRDH4515A	RDH4515A	HPD6-4.7 6-FT.(1.8M), HP, 4.5-5.0GH	CAMBIUM NETWORKS LIM
DSRDH4516A	RDH4516A	HPD4-4.7 4-FT.(1.2M), HP, 4.5-5.0GH	CAMBIUM NETWORKS LIM
DSRDH4517A	RDH4517A	HPD3-4.7 3-FT.(0.9M), HP, 4.5-5.0GH	CAMBIUM NETWORKS LIM
DSRDH4518A	RDH4518A	HPD2-4.7 2-FT.(0.6M), HP, 4.5 -5.0G	CAMBIUM NETWORKS LIM
DSRDH4519A	RDH4519A	4.5-5.0 GHZ, 20.8 DBI, 1-FT (0.3M) HI PERF DUAL-POL, LOW PROFILE	CAMBIUM NETWORKS LIM
DSRDH4524A	RDH4524A	5.25-5.85 GHZ, 4-FT (1.2M), HIGH PERFORMANCE SINGLE-POL	CAMBIUM NETWORKS LIM
DSRDN5785A	RDN5785A	3 M (9.8 FT) SUPERFLEX RF LOW LOSS JUMPER CABLE	CAMBIUM NETWORKS LIM
DSRGBVKIT145872A	RGBVKIT145872A	1/4X5/8X72 RACK GRD BAR KIT VERTICAL	HARGER INC
DSRGT	POLYPHASER RGT	DC TO 2.4GHZ FIELD REPLACEABLE GAS TUBE SURGE PROTECTOR FEMALE CON	TRANSTECTOR SYSTEMS
DSRGTDFM	POLYPHASER RGT-DFM	OUTDOOR, BIDIRECTIONAL ARRESTOR - POLYPHASER RGT DFM	TRANSTECTOR SYSTEMS
DSRK1000	RK1000	BELKIN RK1000 42U PREMIUM RACK ENCLOSURE	CDW DIRECT LLC
DSRKBS20ST2F10R	RKBS20ST2F10R	SPD, RACKBAR,120V 20A 1800 J OUTLET TYPE: 12 NEMA 5-20R (2 FRONT, 10 R	GRAYBAR ELECTRIC CO
DSRM20A	RM-20A	POWER SUPPLY, 19 IN RACK MOUNT 20 AMP	ASTRON CORP
DSRM35ABB	RM-35A-BB	POWER SUPPLY, 35A WITH BATTERY BACKUP	ASTRON CORP
DSRM35M	RM-35M	LINEAR POWER SUPPLY, RACK MOUNT, 35A, SEPARATE VOLT AND AMP METER	ASTRON CORP
DSRM35MBB	RM-35M-BB	LINEAR POWER SUPPLY, RACKMNT, 35A, VOLT & AMP METERS, W/BATT REVEF	ASTRON CORP
DSRM50M	RM-50M	POWER SUPPLY 19 IN RM W/ SEPARATE VOLT AND AMP METERS	ASTRON CORP
DSRMA100	RM-A100	RM-A100, ROUND MEMBER ADAPTOR 1"-2" OD, PKG OF 10	TRILOGY COMMUNICATIO
DSRMA200	RM-A200	RM-A200, ROUND MEMBER ADAPTOR 2"-3" OD, PKG OF 10	TRILOGY COMMUNICATIO
DSRMC06EXP	DSRMC06-EXP	RMC EXPANSION KIT, 8-CHANNEL	DBSPECTRA
DSRMP420B	1101-942	SPD, TYPE 3, 120V RACK MOUNT, 20A STD PLUG-IN INPUT W/ 4 OUTLETS PER	TRANSTECTOR SYSTEMS
DSRMP615A	1101-534	SPD, TYPE 3, 120V RACK MOUNT, 15A PLUG-IN W/ (6) 15A NEMA 5-15 OUTLET!	TRANSTECTOR SYSTEMS
DSRS0615F	RS-0615-F	POWER STRIP, 6 FRONT OUTLETS 19 IN, 15-AMP RACKMOUNT, LOCKING SWITC	TRIPP LITE MANUFACTU
DSRS1215RA	RS1215-RA	SPD, 12 OUTLETS 15 FT CORD MULTIPLE OUTLET STRIP 15-AMP RIGHT-ANGLED	TRIPP LITE MANUFACTU
DSRS12A	RS-12A	POWER SUPPLY	ASTRON CORP
DSRS20A	RS-20A	POWER SUPPLY	ASTRON CORP
DSRS20ABB	RS-20A-BB	LINEAR POWER SUPPLY, 13.8VDC OUTPUT, BATTERY BACKUP	ASTRON CORP
DSRS20ABB220E	RS-20A-BB-220E	LINEAR POWER SUPPLY, 13.8VDC OUTPUT, BATTERY BACKUP 220V	ASTRON CORP
DSRS50M	RS-50M	POWER SUPPLY, W/ VOLT AND AMPMETER 50 AMP	ASTRON CORP
DSRS600	RS600	CENTER MOUNT SHELF FOR 19 IN WIDE TELECOM/RELAY RACK RS600	CELL MANAGEMENT SYST
DSRSM0000	RSM0000	RECEIVE SYSTEMS MONITOR, 9-36VDC	RFI AMERICAS INC
DSRSM000048	RSM0000-48	RECEIVE SYSTEMS MONITOR, 36-60VDC	RFI AMERICAS INC
DSRSS100	RSS100	RSS100 AUTO TRANSFER SWITCH, 100A, 120/240V 1PH, OUTDOOR ENCLOSURE	CUMMINS NPOWER LLC
DSRSS200	RSS200	RSS200 AUTO TRANSFER SWITCH, 200A, 120/240V 1PH, OUTDOOR ENCLOSURE	CUMMINS NPOWER LLC
DSRUP001	RUP-001	UPLOADER SOFTWARE LICENSE FOR APM, SINGLE PC, 2 YEARS	RFI AMERICAS INC
DSRX0696300831B	RX0696-3008-31B	MULTICOPLER EXPANSION, 8 PORT, 66-960 MHZ BNC (F)	RFI AMERICAS INC
DSRX0696301631B	RX0696-3016-31B	MULTICOPLER EXPANSION, 16 PORT, 66-960 MHZ BNC (F)	RFI AMERICAS INC
DSRX699630013648N	RX6996-3001-36-48N	RMC03, 2 PORT CMU WITH TTA CONTROL, 698-960 MHZ, -48 VDC	RFI AMERICAS INC
DSRX699630013648N	RX6996-3001-36-48N	RMC03, 2 PORT CMU WITH TTA CONTROL, 698-960 MHZ, 110-240 VAC	RFI AMERICAS INC
DSRX699634083448B	RX6996-3408-34-48B	RMC01, 8 PORT MCU WITH TTA CONTROL, 698-960 MHZ, -48 VDC	RFI AMERICAS INC
DSRX6996340834ACB	RX6996-3408-34-ACB	RMC01, 8 PORT MCU WITH TTA CONTROL, 698-960 MHZ, 110-240 VAC	RFI AMERICAS INC
DSRX699634083848B	RX6996-3408-38-48B	RMC05, 8 PORT MULT WITH TTA CONTROL, 698-960 MHZ, -48 VDC	RFI AMERICAS INC
DSRX6996340838ACB	RX6996-3408-38-ACB	RMC05, 8 PORT MULT WITH TTA CONTROL, 698-960 MHZ, 110-240 VAC	RFI AMERICAS INC
DSRX699634163448B	RX6996-3416-34-48B	RMC01, 16 PORT MCU WITH TTA CONTROL, 698-960 MHZ, -48 VDC	RFI AMERICAS INC
DSRX6996341634ACB	RX6996-3416-34-ACB	RMC01, 16 PORT MCU WITH TTA CONTROL, 698-960 MHZ, 110-240 VAC	RFI AMERICAS INC
DSS2CPUSEHNI6	S-2-CPUSE-H-NI6	2-WAY REACTIVE POWER SPLITTER, 698-2700 MHZ	COMMSCOPE TECHNOLOGI
DSS2CPUSELNI	S-2-CPUSE-L-NI	2-WAY LOW POWER SPLITTER 698-2700 N	COMMSCOPE TECHNOLOGI
DSS2TCPUSEHNI6	S-2-TCPUSE-H-NI6	TWO-WAY REACTIVE POWER SPLITTER, 698?2700 MHZ	COMMSCOPE TECHNOLOGI
DSS300	S-300	BRACKET, 36" STAND-OFF (KIT/1)	COMMSCOPE TECHNOLOGI
DSS3CPUSEHNI6	S-3-CPUSE-H-NI6	3-WAY REACTIVE POWER SPLITTER, 698-2700 MHZ	COMMSCOPE TECHNOLOGI
DSS3CPUSELNI	S-3-CPUSE-L-NI	3-WAY SPLITTER. 50 WATTS MAX WITH N-FEMALES, 698-2700 MHZ	COMMSCOPE TECHNOLOGI
DSS412E	S412E	ANRITSU S412E BASE UNIT WITH NO OPTIONS	ANRITSU COMPANY
DSS412E0015	S412E-0015	ANRITSU S412E OPTION 15 - VECTOR VOLTMETER	ANRITSU COMPANY
DSS412E0025	S412E-0025	ANRITSU S412E OPTION 25 - INTERFERENCE ANALYSIS	ANRITSU COMPANY
DSS412E0031	S412E-0031	ANRITSU S412D OPTION 31 - GPS RECIEVER	ANRITSU COMPANY

DSS412E0431	S412E-0431	ANRITSU S412E OPTION 431 - COVERAGE MAPPING	ANRITSU COMPANY
DSS412E0509	S412E-0509	NEW PURCHASE - OPTION 509 AM/FM/PM ANALYZER WITH CONVERGE MAPPI	ANRITSU COMPANY
DSS412E0521	S412E-0521	ANRITSU S412E OPTION 521 - P25 AND P25 PHASE 2 ANALYZER	ANRITSU COMPANY
DSS412E0522	S412E-0522	OPTION 522 P25 AND P25 PHASE 2 COVERAGE (REQUIRES OPTIONS 31 AND 52	ANRITSU COMPANY
DSS412E6GHZ	S412E-0006/S412E-0016	ANRITSU ADD 6 GHZ BW TO SPECTRUM AND NETWORK ANALYZER	ANRITSU COMPANY
DSS412EBASE	S412EBASE	ANRITSU S412E BASE UNIT WITH REQ'D. OPTIONS	ANRITSU COMPANY
DSS412EDMR	S412E-0591/S412E-0592	ANRITSU DMR2 ANALYZER AND DMR2 TALK OUT COVERAGE	ANRITSU COMPANY
DSS412EHPS	S412E-0019/PSN50	ANRITSU HIGH ACCURACY POWER METER AND PSN50 SENSOR	ANRITSU COMPANY
DSS412EIPS	S412E-0019/MA24105A	ANRITSU HIGH ACCURACY POWER METER W/ INLINE SENSOR	ANRITSU COMPANY
DSS412ELTE	S412E-0541,0542, 0546	ANRITSU LTE RF, MODULATION AND OTA MEASUREMENTS	ANRITSU COMPANY
DSS412ENXDN	S412E-0531/S412E-0532	ANRITSU NXDN ANALYZER AND NXDN COVERAGE OPTION	ANRITSU COMPANY
DSS412EP25	S412E-0521/S412E-0522	ANRITSU P25 ANALYZER AND P25 COVERAGE OPTION	ANRITSU COMPANY
DSS412ES312	S412E-ES312	ANRITSU 3 YEAR EXT SERV - SEND TO ANRITSU STD CALIBRATION	ANRITSU COMPANY
DSS412ES510	S412E-ES510	ANRITSU 5 YEAR EXT. SERVICE - SEND TO ANRITSU REPAIR ONLY	ANRITSU COMPANY
DSS412ES512	S412E-ES512	ANRITSU 5 YEAR EXT SERV - SEND TO ANRITSU STD CALIBRATION	ANRITSU COMPANY
DSS412ES513	S412E-ES513	ANRITSU 5 YEAR EXT SERV - SEND TO ANRITSU REPAIR & STD CAL	ANRITSU COMPANY
DSS412ETETRA	S412E-0581/S412E-0582	ANRITSU TETRA ANALYZER AND TETRA COVERAGE OPTION	ANRITSU COMPANY
DSS412ETPS	S412E-0019/MA24106A	ANRITSU HIGH ACCURACY POWER METER W/ USB SENSOR	ANRITSU COMPANY
DSS432DH6LFD2140G6	SC432D-HF6LDF(D02-I40-G06)	DUAL PORT OMNI WITH 2 DEGREE DOWNTILT, 6 DBD GAIN	SINCLAIR TECHNOLOGIE
DSS4L2RU12D19W	S4L2RU12D19W	REAR COVER FOR 100A BATTERY DISCONNECT W/ MTG HDWE	LAMARCHE MFG CO
DSS4L3RU12D19W	S4L3RU12D19W	SIDE REAR COVER, 19 IN W X 3RU HIGH	LAMARCHE MFG CO
DSS4L3RU12D23W	S4L3RU12D23W	23IN. WIDE, 4RU HIGH, 12IN DEEP REAR COVER FOR BUSS BAR	LAMARCHE MFG CO
DSS4L4RU8D19W	S4L4RU8D19W	4RU REAR COVER	LAMARCHE MFG CO
DSS66M150	M1-50	SIEMON M66 PUNCH BLOCK	ANIXTER INC
DSS66M25T68L	M2-5T-68L	PUNCHBLOCK 25PR BLK W/6-8WIRE JACKS	ANIXTER INC
DSS66M25T68L125R	SIEMON S66M2-5T-68L-125R	SIX 4-PAIR MODULAR JACKS, ONE 25-PAIR FEMALE CONNECTOR, T568B	GRAYBAR ELECTRIC CO
DSS66M25WB	M2-5WB	SIEMONS PUNCH BLOCK	ANIXTER INC
DSS89B	S89B	ATC 1 INCH STANDOFF BRACKET FOR M1-25 OR M1-50 BLOCKS	ANIXTER INC
DSSAB10	SA-B10	SA-B10, STIFF ARM BRACKET, 2 3/8 INCH X 126 INCH PIPE	COMMSCOPE TECHNOLOGI
DSSABL	SA-BL	STIFF ARM BRACKET FOR 2-3/8 IN OD PIPE	COMMSCOPE TECHNOLOGI
DSSAM0000	SAM0000	SITE ALARM MODULE, PTT ACTIVATED 10 CHAN, 4 EXT ALARM INPUTS, 9-36VD RFI AMERICAS INC	RFI AMERICAS INC
DSSAM000048	SAM0000-48	SITE ALARM MODULE, PTT ACTIVATED 10 CHAN, 4 EXT ALARM INPUTS, 36-60VI RFI AMERICAS INC	RFI AMERICAS INC
DSSAM0000TS	SAM0000-TS	SITE ALARM MODULE, TEMPERATURE SENSOR, -67 TO +257 DEGREES F	RFI AMERICAS INC
DSSASS200	SA-SS200	SA-SS200, UNIV SST STAND-OFF ADAPTOR FOR 2-3" OD MEMBERS, PKG OF 10	TRIOLOGY COMMUNICATIO
DSSB254102	SB254102	ISOLATION KIT SELF SUPPORTED 23" RACK WIDTH	ANIXTER INC
DSSB5563090UTG	SB5563090UTG	TWO-POST RACK STEEL 19IN W 90IN H EIA TELCO GREY	ANIXTER INC
DSSB5563096UTG	SB5563096UTG	TWO-POST RACK STEEL 19IN W 96IN H EIA TELCO GREY	ANIXTER INC
DSSB85219084FB	SB85219084FB	COOPER B-LINE NETWORK EQUIPMENT 19 INCH - SEISMIC RELAY 4-RACK	ANIXTER INC
DSSB85219084YZ	SB85219084YZ	BLINE RACK	ANIXTER INC
DSSB86283D084FB	SB86283D084FB	B-LINE LOW DENSITY VERT CBL MANAGER, NCNR	ANIXTER INC
DSSB862BRC3084FB	B862BRC3084FB	BACK REMOVABLE COVER FOR VERTICAL CABLE MANAGERS,NCNR	ANIXTER INC
DSSBHB119K	SBHB119K/GB PART #: 25404084	HORIZONTAL RACK GROUND BAR KIT	GRAYBAR ELECTRIC CO
DSSBTGBK	SBTGBK/GB PART #: 25404083	GROUND BAR & HARDWARE KIT	GRAYBAR ELECTRIC CO
DSSBTMGB12K	SBTMGB12K/GB PART #: 25397229	BUSS BAR KIT	GRAYBAR ELECTRIC CO
DSSBTMGB20K	SBTMGB20K/GB PART #: 25423067	TLCM MAIN GROUND BAR&KIT 1/4X4X20	GRAYBAR ELECTRIC CO
DSSBVB72K	SBVB72K	B-LINE SYS SBVB72K 72" VERTICAL GROUND BAR & HARDWARE KIT	GRAYBAR ELECTRIC CO
DSSC225MHF1SNM	SC225M-HF1SNM	COLLINEAR OMNI, COLLINER OMNI, 0 DBD, HD, N-MALE, 130-139 MHZ	SINCLAIR TECHNOLOGIE
DSSC225MHF3SNF	SC225MHF3SNF	COLINEAR OMNIDIRECTIONAL, 0 DBD GAIN,HEAVY DUTY,147-157 MHZ	SINCLAIR TECHNOLOGIE
DSSC225MHF6SNF	SC225M-HF6SNF	ANTENNA, COLLINER OMNI, 0 DBD, HD, N-FEMALE CONNECTOR, 150-160 MH	SINCLAIR TECHNOLOGIE
DSSC225MSF3SNM	SC225MSF3SNM	COLINEAR OMNIDIRECTIONAL, 0 DBD GAIN,147-157 MHZ	SINCLAIR TECHNOLOGIE
DSSC225MSF4SNM	SC225M-SF4SNM	COLLINEAR OMNI, 0 DBD, 156-166 MHZ	SINCLAIR TECHNOLOGIE
DSSC225MSF5SNM	SC225M-SF5SNM	COLLINEAR OMNI, 0 DBD, 164-174 MHZ	SINCLAIR TECHNOLOGIE
DSSC226SFXD2F1565	SC226-SFXLDF(D02-F1565)	COLLINEAR OMNI ANTENNA 6 DBD GAIN 156.5 2 DEG DOWNTILT	SINCLAIR TECHNOLOGIE
DSSC226SFXD2F1590	SC226-SFXLDF(D02-F1590)	COLLINEAR OMNI ANTENNA 6 DBD, 159MHZ 2 DT, PIM	SINCLAIR TECHNOLOGIE
DSSC226SFXLDF1382	SC226-SFXLDF(F1382)	COLLINEAR OMNI 6DBD, 6MHZ BW LOW PIM STRAIGHT RADOME DIN-FE 138-2	SINCLAIR TECHNOLOGIE
DSSC226SFXLDF1400	SC226-SFXLDF(F1400)	COLLINEAR OMNI 6DBD, 6MHZ BW LOW PIM STRAIGHT RADOME DIN-FE 138-2	SINCLAIR TECHNOLOGIE
DSSC226SFXLDF1433	SC226-SFXLDF(F1433)	COLLINEAR OMNI 6DBD, 6MHZ BW LOW PIM STRAIGHT RADOME DIN-FE 138-2	SINCLAIR TECHNOLOGIE
DSSC226SFXLDF1545	SC226-SFXLDF(1545)	COLLINEAR OMNI 6DBD, 6MHZ BW LOW PIM STRAIGHT RADOME DIN-FE 138-2	SINCLAIR TECHNOLOGIE
DSSC226SFXLDF1557	SC226-SFXLDF(F1557)	COLLINEAR OMNI 6DBD, 6MHZ BW LO PIM STR RADME DIN-F 138-225MHZ 15	SINCLAIR TECHNOLOGIE
DSSC226SFXLDF1570	SC226-SFXLDF(D00-F1570)	COLLINEAR OMNI 6DBD, 6MHZ BW LO PIM STR RADME DIN-F 138-225MHZ 157	SINCLAIR TECHNOLOGIE
DSSC226SFXLDF1700	SC226-SFXLDF(F1700)	COLLINEAR OMNI 6DBD, 6MHZ BW LO PIM STR RADME DIN-F 138-225MHZ 17	SINCLAIR TECHNOLOGIE
DSSC226SFXLDF1655	SC226-SFXLDF(F1655)	COLINR OMNI 6DBD 6MHZ BW LOW PIM STRAIGHT RADOME DIN FEMALE 138-	SINCLAIR TECHNOLOGIE
DSSC226SFXSNM61560	SC226-SFXSNM(D06-F1560)	COLLINEAR OMNI, 6 DBD, 6 MHZ BW, STRAIGHT RADOME, 138-225 MHZ 6DT	SINCLAIR TECHNOLOGIE
DSSC226SFXSNM1560	SC226-SFXSNM(D00-F1560)	COLLINEAR OMNI, 6 DBD, 6 MHZ BW, STRAIGHT RADOME, 138-225 MHZ	SINCLAIR TECHNOLOGIE
DSSC226SFXSNM1700	SC226-SFXSNM(D00-FXXXX)	COLLINEAR OMNI, 6 DBD, 6 MHZ BW, STRAIGHT RADOME,167-173 MHZ N MAI	SINCLAIR TECHNOLOGIE
DSSC229SFXLDF	SSC229SFXLDF	COLLINEAR OMNI, 6 DBD, LOW PIM, 138-225 MHZ, NEEDS CENTER FREQ	SINCLAIR TECHNOLOGIE
DSSC229SFXLDFD6157	SC229SFXLDF	COLLINEAR OMNI ANTENNA, 6 DBD GAIN, 6 DBD GAIN, LOW PIM, 6 DEG DT	SINCLAIR TECHNOLOGIE
DSSC229SFXLDF1570	SC229SFXLDF1570	LOW PIM COLLINER ANTENNA, 6 DBD GAIN, 173 MHZ, 6 MHZ B.W	SINCLAIR TECHNOLOGIE
DSSC229SFXLDF1730	SC229SFXLDF1730	LOW PIM COLLINER ANTENNA, 6 DBD GAIN, 173 MHZ	SINCLAIR TECHNOLOGIE
DSSC233MHFXSUMD00	SC233MHFXSUMD00	COLLINEAR OMNI MARINE, 3 DBD, 156-162.55 MHZ	SINCLAIR TECHNOLOGIE
DSSC233SFXSNFF1550	SC233SFXSNFF1550	COLLINEAR OMNI, 3 DBD, 2 MHZ BW, 138-174 MHZ FREQ. 155.0	SINCLAIR TECHNOLOGIE

DSSC251DHF2LDFG3	SC251DHF2LDFG3	COLLINEAR DUAL ANTENNA, 2.3 DBD GAIN, PIM/PIP RATED, HD, 138-158 MHZ	SINCLAIR TECHNOLOGIE
DSSC251DHF3LDFG3	SC251DHF3LDFG3	COLLINEAR DUAL ANTENNA, 2.3 DBD GAIN, PIM/PIP RATED, HD, 148-168 MHZ	SINCLAIR TECHNOLOGIE
DSSC251DHF4LDFG3	SC251DHF4LDFG3	COLLINEAR DUAL ANTENNA, 2.3 DBD GAIN, PIM/PIP RATED, HD, 156-174 MHZ	SINCLAIR TECHNOLOGIE
DSSC251HF3LDFD0G3	SC251HF3LDFD0G3	COLLINEAR OMNI, 2.3 DBD GAIN, PIM/PIP RATED, HD, 148-168 MHZ	SINCLAIR TECHNOLOGIE
DSSC251HF3LDFD0G4	SC251HF3LDFD0G4	COLLINEAR OMNI, 3.5 DBD GAIN, PIM/PIP RATED, HD, 148-168 MHZ	SINCLAIR TECHNOLOGIE
DSSC281HF2LDF	SC281HF2LDF	COLLINEAR OMNI ANTENNA, 5 DBD GAIN, LOW PIM, 138-158 MHZ	SINCLAIR TECHNOLOGIE
DSSC281HF3LDF	SC281HF3LDF	COLLINEAR OMNI ANTENNA, 5 DBD, LOW PIM, HD,148-168MHZ	SINCLAIR TECHNOLOGIE
DSSC281HF3LDFD02	SC281HF3LDFD02	COLLINEAR OMNI ANTENNA, 5 DBD, LOW PIM, HD,148-168MHZ 2 DEGREE DOWN	SINCLAIR TECHNOLOGIE
DSSC281HF4LDF	SC281HF4LDF	LOW PIM COLLINEAR OMNI ANTENNA, 5 DBD GAIN, WIDE BAND, 156-174	SINCLAIR TECHNOLOGIE
DSSC323HF1LDFD6G3	SC323HF1LDFD6G3	COLLINEAR OMNI, 3 DBD, HD, 6 DEGREE DOWN TILT, LOW PIM, 406-420 MHZ	SINCLAIR TECHNOLOGIE
DSSC323HF1LDFG03	SC323HF1LDFG03	ANTENNA, LOW PIM, COLLINEAR OMNI, 3 DBD GAIN, 406-420 MHZ	SINCLAIR TECHNOLOGIE
DSSC323HF1SNMD00G3	SC323HF1SNMD00G3	COLLINEAR OMNI, 3 DBD, HD, N-MALE CONNECTOR, 406-420 MHZ	SINCLAIR TECHNOLOGIE
DSSC323HF1SNMD0G3	SC323HF1SNMD0G3	COLLINEAR OMNI, 3 DBD, HD, N-MALE CONNECTOR, 406-420 MHZ	SINCLAIR TECHNOLOGIE
DSSC323HF2LDFD00G3	SC323HF2LDFD00G3	COLLINEAR OMNI, 3 DBD, HD, LOW PIM, 450-470 MHZ	SINCLAIR TECHNOLOGIE
DSSC323HF2LDFD3G3	SC323HF2LDFD3G3	COLLINEAR ANT, 450-470MHZ, HEAVY DUTY, 3DBD GAIN, LOW PIM, 3 DEG DT	SINCLAIR TECHNOLOGIE
DSSC323HF2SNMG3	SC323HF2SNMG3	COLLINEAR OMNI, 3 DBD, HD, N-MALE CONNECTOR, 450-470 MHZ	SINCLAIR TECHNOLOGIE
DSSC323HF7LDFG0	SC323HF7LDFG0	LOW PIM COLLINEAR OMNI, UNITY GAIN, HD, NO GROUND RADIALS,380-400	SINCLAIR TECHNOLOGIE
DSSC323HF9LDFD00G3	SC323HF9LDFD00G3	COLLINEAR OMNI 3 DBD, LOW PIM, 470-490 MHZ	SINCLAIR TECHNOLOGIE
DSSC323HT1LDFD3G3	SC323HT1LDFD3G3	COLLINEAR OMNI, 3 DBD, HD, LOW PIM, 3 DT, 380-400 MHZ	SINCLAIR TECHNOLOGIE
DSSC323HT1LDFG3	SC323HT1LDFG3	COLLINEAR OMNI 3 DBD GAIN GRD RODS FREE 7/16DIN FE LOW PIM 380-400MHZ	SINCLAIR TECHNOLOGIE
DSSC323HT1SNMD0G3	SC323HT1SNMD0G3	COLLINEAR OMNI, 3 DBD, HD, N-MALE CONNECTOR, 380-400 MHZ	SINCLAIR TECHNOLOGIE
DSSC323HT1SNMG0	SC323HT1SNMG0	COLLINEAR OMNI ANTENNA, 0 DBD GAIN LOW PIM, 380-400 MHZ	SINCLAIR TECHNOLOGIE
DSSC323HT1SNMG3	SC323HT1SNMG3	COLLINEAR OMNI 3 DBD GAIN N MALE CONNECTOR 380-430MHZ	SINCLAIR TECHNOLOGIE
DSSC323HT2SNMD0G3	SC323-HT2SNM(D00-G03)	COLLINEAR OMNI, 3 DBD, HD, N-MALE CONNECTOR, 410-430 MHZ	SINCLAIR TECHNOLOGIE
DSSC329HF1LDFD06G6	SC329HF1LDFD06G6	LOW PIM COLLINEAR OMNI 6 DBD GAIN, HD, 406-420 MHZ 6 DEG DT	SINCLAIR TECHNOLOGIE
DSSC329HF1LDFG6	SC329HF1LDFG6	LOW PIM COLLINEAR OMNI 6 DBD GAIN, HD, 406-420 MHZ	SINCLAIR TECHNOLOGIE
DSSC329HF2LDFD00G6	SC329HF2LDFD00G6	COLLINEAR OMNI, LOW PIM, 6 DBD GAIN, HD, NO GROUND RADIALS 450-470MHZ	SINCLAIR TECHNOLOGIE
DSSC329HF2LDFD06G6	SC329-HF2LDF(D06-G06)	COLLINEAR OMNI, LOW PIM, 6 DBD GAIN, 450-470MHZ, DT6	SINCLAIR TECHNOLOGIE
DSSC329HF2LDFD3G6	SC329-HF2LDF(D03-G06)	COLLINEAR OMNI, 6 DBD, PIM CERTIFIED, 3DT, HD, 450-470 MHZ	SINCLAIR TECHNOLOGIE
DSSC329HF2LDFG6	SC329-HF2LDF(G6)	COLLINEAR OMNI, LOW PIM, 6 DBD GAIN, 450-470MHZ	SINCLAIR TECHNOLOGIE
DSSC329HT1LDFD03G6	SC329-HT1LDF(D03-G6)	LOW PIM COLLINEAR OMNI, 6DBD, 3 DEG DT, HD, NO GRD RADIALS, 380-400MHZ	SINCLAIR TECHNOLOGIE
DSSC329HT1LDFD06G6	SC329-HT1LDF(D06-G06)	LOW PIM COLLINEAR OMNI, 6DBD, 6 DEG DT, HD, NO GRD RADIALS, 380-400MHZ	SINCLAIR TECHNOLOGIE
DSSC329HT1LDFG6	SC329-HT1LDF(D00-G06)	LOW PIM COLLINEAR OMNI , 6 DBD GAIN, 380-400 MHZ, HD	SINCLAIR TECHNOLOGIE
DSSC329HT1SNM	SC329-HT1SNM(G6)	COLLINEAR OMNI ANTENNA, 6 DBD GAIN, HD, NO GROUND RADIALS,380-400	SINCLAIR TECHNOLOGIE
DSSC329HT1SNMD06	SC329-HT1SNM(D06)	COLLINEAR OMNI 6 DB GAIN, HD, 380-400MHZ, 6DT	SINCLAIR TECHNOLOGIE
DSSC329HT2SNFG06	SC329HT2SNFG06	COLLINEAR OMNI 6DBD, HEAVY DUTY, NO GROUND RADIALS 410-430 MHZ, NF	SINCLAIR TECHNOLOGIE
DSSC329HT2SNMG06	SC329HT2SNMG06	COLLINEAR OMNI 6 DBD GAIN, HEAVY DUTY, NO GROUND RADIALS 410-430 M	SINCLAIR TECHNOLOGIE
DSSC331SF1LDF	SC331-SF1LDF	COLLINEAR OMNI, 10DBD, STRAIGHT RADOME, LOW PIM, 406-420	SINCLAIR TECHNOLOGIE
DSSC331SF3LDFD00	SC331-SF3LDF(D00)	COLLINEAR OMNI 10 DBD, LOW PIM 460-470 MHZ	SINCLAIR TECHNOLOGIE
DSSC331SF3SNM	SC331-SF3SNM	COLLINEAR OMNI, 10 DBD, N-MALE CONNECTOR, STRAIGHT RADOME, 460-470	SINCLAIR TECHNOLOGIE
DSSC351HF3LDFD0G4	SC351-HF3LDF(D00-G4)	COLLINEAR OMNI ANTENNA, 4 DBD GAIN, PIM/PIP RATED, HD, 450-512 MHZ	SINCLAIR TECHNOLOGIE
DSSC381HF1LDF	SC381-HF1LDF(D00)	COLLINEAR OMNI, 6 DBD LOW, PIM HD, 380-420 MHZ	SINCLAIR TECHNOLOGIE
DSSC381HF2LDF	SC381-HF2LDF(D00)	LOW PIM UHF BROAD BAND COLLINEAR OMNI, 6 DBD, HD, 403-470 MHZ, DIN	SINCLAIR TECHNOLOGIE
DSSC381HF2LDFPIP	SC381-HF2LDF(D00-PIP)	COLLINEAR OMNI, 6 DBD, LOW PIM, PIP RATED, HD, 403-470 MHZ	SINCLAIR TECHNOLOGIE
DSSC381HF3LDF	SC381-HF3LDF(D00)	LOW PIM UHF BROAD BAND COLLINEAR OMNI, 6 DBD, HD, 450-512 MHZ, DIN	SINCLAIR TECHNOLOGIE
DSSC381HF3LDFD02	SC381HF3-LDF-D02	COLLINEAR OMNI, 6 DBD LOW, PIM HD, 380-420 MHZ	SINCLAIR TECHNOLOGIE
DSSC389HF3LDFD02	SC389-HF3LDF(D02)	COLLINEAR OMNI, 9 DBD, LOW PIM, PIP RATED, HD, 450-512 MHZ DT 2DT	SINCLAIR TECHNOLOGIE
DSSC389HF3LDFD03	SC389-HF3LDF(D03)	COLLINEAR OMNI, 9 DBD, LOW PIM, PIP RATED, HD, 450-512 MHZ DT 3DT	SINCLAIR TECHNOLOGIE
DSSC389HF3LDFD04	SC389-HF3LDF(D04)	COLLINEAR OMNI, 9 DBD, LOW PIM, PIP RATED, HD, 450-512 MHZ DT 4DT	SINCLAIR TECHNOLOGIE
DSSC389HF3LDFD06	SC389-HF3LDF(D06)	COLLINEAR OMNI, 9 DBD, LOW PIM, PIP RATED, HD, 450-512 MHZ DT 6DT	SINCLAIR TECHNOLOGIE
DSSC412HF2D4E5765	SC412HF2D4E5765	11.5DB GAIN, 746-869 MHZ 25% NULL FILL, 25 KW PIP RATING W/4DEG DT	SINCLAIR TECHNOLOGIE
DSSC412HF2LDF	SC412-HF2LDF	COLLINEAR OMNI ANTENNA, 11.5 DBD GAIN, 746-869 MHZ, PIM	SINCLAIR TECHNOLOGIE
DSSC412HF2LDFD01	SC412-HF2LDF(D01)	COLLINEAR OMNI, 11.5DBD, HD, LOW PIM, 746-869 MHZ, 1 DEGREE DT	SINCLAIR TECHNOLOGIE
DSSC412HF2LDFD1NUP	SC412-HF2LDF(D01-E5765)	COLLINEAR OMNI, 11.5 DBD, LOW PIM, NULL FILL, PIP RATED, HD, 746-869	SINCLAIR TECHNOLOGIE
DSSC412HF2LDFD2NU	SC412-HF2LDF(D02-E5608)	COLLINEAR OMNI 11.5DBD GAIN 746-869MHZ 2DT NULL FILL DIN FEMALE CON	SINCLAIR TECHNOLOGIE
DSSC412HF2LDFD2NUP	SC412-HF2LDF(D02-E5765)	COLLINEAR OMNI, 11.5DBD 4 DEGREE DT, HD, 746-869MHZ NULL FILL, LOW PIP	SINCLAIR TECHNOLOGIE
DSSC412HF2LDFD4NU	SC412-HF2LDF(D04-E5608)	COLLINEAR OMNI 11.5 DBD HD NULL PIP RATED LOW PIM 746-869MHZ 4 DEG	SINCLAIR TECHNOLOGIE
DSSC412HF2LDFD4NUP	SC412-HF2LDF(D04-E5765)	COLLINEAR OMNI 11.5 DBD HD NULL PIP RATED LOW PIM 746-869MHZ 4 DEG	SINCLAIR TECHNOLOGIE
DSSC412HF2LDFE5608	SC412-HF2LDFE5608	COLLINEAR OMNI ANTENNA, 11.5 DBD GAIN, 746-869 MHZ, 20% NULL FILL	SINCLAIR TECHNOLOGIE
DSSC412HF2LDFE5749	SC412-HF2LDF (E5749)	COLLINEAR OMNI ANTENN, 11.5 DBD GAIN, HD, 746-869 MHZ, PIP RATED	SINCLAIR TECHNOLOGIE
DSSC412HF2LDFE5765	SC412-HF2LDF(D00-E5765)	COLLINEAR OMNI, 11.5DBD HD NULL FILL, PIP RATED LOW PIM 746-869 MHZ	SINCLAIR TECHNOLOGIE
DSSC412HF3LDF0FPIP	SC412-HF3LDF(D00-E5749)	COLLINEAR OMNI, 11.5 DBD, LOW PIM, PIP RATED, HD 0-10DT, 806-960 MHZ	SINCLAIR TECHNOLOGIE
DSSC412HF3LDD25765	SC412-HF3LDF(D02-E5765)	COLLINEAR OMNI, 11.5 DB, LOW PIM, HD, PIP, NULL FILL, 806-960 MHZ, 2DT	SINCLAIR TECHNOLOGIE
DSSC412HF3LDFD2PIP	SC412-HF3LDF(D02-E5749)	ANTENNA, COLLINEAR OMNI, 11.5 DBD, LOW PIM, PIP, 2DT, HD, 806-960 MHZ	SINCLAIR TECHNOLOGIE
DSSC420HF1LDF	SC420HF1LDF	LOW PIM COLLINEAR OMNI ANT, 7.5 DBD GAIN, HD, 806-869MHZ, DIN	SINCLAIR TECHNOLOGIE
DSSC420HF1LNF	SC420HF1LNF	COLLINEAR OMNI ANTENNA, 7.5 DBD GAIN, LOW NOISE, HD, 806-869 MHZ	SINCLAIR TECHNOLOGIE
DSSC420HF2LDFD06	SC420HF2LDFD06	LOW PIM COLLINEAR OMNI, 7.5 DBD, HD, 824-896 MHZ, 6 DEG DT	SINCLAIR TECHNOLOGIE
DSSC432DF6I40G6PIP	SC432D-HF6LDF(I40-G06-E5749)	COLLINEAR OMNI, 6 DBD (TYP), PIP, 40 DB, HD, LOW PIM, 746-869 MHZ	SINCLAIR TECHNOLOGIE
DSSC432DHF6D2I40G6	SC432D-HF6LDF(D02-I40-G06)	COLLINEAR OMNI, 6 DBD, DUAL PORTS, 2? DT, LOW PIM, 40 DB	SINCLAIR TECHNOLOGIE
DSSC432DHF6D6G6	SC432D-HF6LDF(D06-I40-G06)	COLLINEAR OMNI, 6 DBD, DUAL PORTS, 40 DB ISO, HD, 6DT, 746-869 MHZ	SINCLAIR TECHNOLOGIE
DSSC432DHF6D6I6G6	SC432D-HF6LDF(D06I-I40-G06)	COLLINEAR OMNI, 6 DBD, DUAL PORT, 40DB ISO, HD, 6DT, 746-869MHZ INVRTI	SINCLAIR TECHNOLOGIE

DSSC432DHF6LDF40G6	SC432D-HF6LDF(I40-G6)	DUAL COLLINEAR OMNI, 6 DBD (TYP), LOW PIM, 746-869 MHZ, 40DB ISOLATION	SINCLAIR TECHNOLOGIE
DSSC432DHF6LDF45G3	SC432D-HF6LDF(I45-G03)	DUAL COLLINEAR OMNI 3DBD GAIN (TYP) LOW PIM, 746-869MHZ 45DB ISOLATION	SINCLAIR TECHNOLOGIE
DSSC432TSF6D3I30G6	SC432T-SF6LDF(D03-I30-G06)	TRIPLE COLLINEAR OMNI ANTENNA, 6DBD GAIN, LOW PIM 746-869MHZ 3DT	SINCLAIR TECHNOLOGIE
DSSC432TSF6D6I30G6	SC432TSF6D6I30G6	TRIPLE COLLINEAR OMNI ANTENNA, 6DBD GAIN, LOW PIM 746-869MHZ 6DEG	SINCLAIR TECHNOLOGIE
DSSC433HF1SNF	SC433-HF1SNF	COLLINEAR OMNI ANTENNA, 2.5 DBD GAIN, HD, 806-869 MHZ	SINCLAIR TECHNOLOGIE
DSSC433HF3LDF	SC433-HF3LDF	COLLINEAR OMNI, 2.5 DBD, LOW PIM, HD, 890-940 MHZ	SINCLAIR TECHNOLOGIE
DSSC433HF5LDF	SC433-HF5LDF (D00)	LOW PIM COLLINEAR OMNI, 2.5 DB GAIN, HEAVY DUTY 746-806 MHZ	SINCLAIR TECHNOLOGIE
DSSC433HF5SNF	SC433HF5SNF	COLLINEAR OMNI 2.5 DBD GAIN, HD, 746-806 MHZ	SINCLAIR TECHNOLOGIE
DSSC442DHF1DFI30G9	SC442D-HF1LDF(D00-I30-G09)	DUAL PORT 9 DBD COLLINEAR ANTENNA, 30 DB ISOLATION, 746-869 MHZ	SINCLAIR TECHNOLOGIE
DSSC442DHF2LDFI4G9	SC442D-HF2LDF(D00-I40-G09)	DUAL PORT 9 DBD COLLINEAR ANTENNA, 40 DB ISOLATION, 806-960 MHZ	SINCLAIR TECHNOLOGIE
DSSC473HF1LDF	SC473-HF1LDF(D00)	COLLINEAR OMNI ANTENNA, 3 DBD GAIN, LOW PIM, HD, 746-869MHZ	SINCLAIR TECHNOLOGIE
DSSC473HF1LDFPIP	SC473-HF1LDF(D00-E5749)	COLLINEAR OMNI, 4 DBD, LOW PIM, PIP RATED, HD, 746-869 MHZ	SINCLAIR TECHNOLOGIE
DSSC473HF2LDFD0	SC473-HF2LDF(D00)	COLLINEAR OMNI ANT, 4 DBD, LOW PIM, HD, 806-960 MHZ	SINCLAIR TECHNOLOGIE
DSSC476HF1D6E5749	SC476-HF1LDF(D06-E5749)	COLLINEAR OMNI, 6 DBD, PIP RATED, LOW PIM, HD, 746-869 MHZ, 6DT	SINCLAIR TECHNOLOGIE
DSSC476HF1D6IE5749	SC476-HF1LDF(D06I-E5749)	COLLINEAR OMNI, 6 DBD, PIP, LOW PIM, HD, 746-869 MHZ, 6DT, INVERTED	SINCLAIR TECHNOLOGIE
DSSC476HF1LD105765	SC476-HF1LDF(D10-E5765)	COLLINEAR OMNI, 5.5 DB, LOW PIM, HD, NULL FILL, PIP, 746-869 MHZ, 10DT	SINCLAIR TECHNOLOGIE
DSSC476HF1LD2E5608	SC476-HF1LDF(D02-E5608)	COLLINEAR OMNI, 5.5 DBD, LOW PIM, NULL FILL, HD 2DT, 746-869 MHZ	SINCLAIR TECHNOLOGIE
DSSC476HF1LDF	SC476-HF1LDF(D00)	COLLINEAR OMNI, 6 DBD, LOW PIM, HD, 746-869 MHZ, 7/16 DIN FEMALE CONN	SINCLAIR TECHNOLOGIE
DSSC476HF1LDFD06	SC476-HF1LDF(D06)	COLLINEAR OMNI ANTENNA, 6 DBD LOW PIM, 6 DEG DT, HD, 746-869 MHZ	SINCLAIR TECHNOLOGIE
DSSC476HF1LDFD2	SC476-HF1LDF(D02)	COLLINEAR OMNI 6DBD UPRIGHT OR INVERTED LOW PIM 2 DEG DT HD 746-86	SINCLAIR TECHNOLOGIE
DSSC476HF1LDFD2PIP	SC476-HF1LDF(D02-E5749)	COLLINEAR OMNI ANT 6 DBD, 2 DEG DT, LOW PIM, HD, 746-869MHZ PIP RATE	SINCLAIR TECHNOLOGIE
DSSC476HF1LDFD6PIP	SC476-HF1LDF(D06-E5749)	COLLINEAR OMNI, 6 DBD, PIP RATED, LOW PIM, 746-869MHZ, 6 DEG DOWNTIL	SINCLAIR TECHNOLOGIE
DSSC476HF1LDFE5749	SC476-HF1LDF(E5749)	COLLINEAR OMNI ANTENNA, 6 DBD, LOW PIM, HD, 746-869 MHZ, PIP RATED	SINCLAIR TECHNOLOGIE
DSSC476HF1LDFE5765	SC476-HF1LDF(D00-E5765)	COLLINEAR OMNI, 6 DBD, PIP RATED, LOW PIM, HD, 746-869 MHZ	SINCLAIR TECHNOLOGIE
DSSC476HF2LD55608	SC476-HF2LDF(D05-E5608)	COLLINEAR OMNI, 5.5 DBD, LOW PIM, NULL FILL, HD, 806-960 MHZ 5DT	SINCLAIR TECHNOLOGIE
DSSC476HF2LD65749	SC476-HF2LDF(D06-E5749)	COLLINEAR OMNI, 6.5 DBD, LOW PIM, PIP RATED, 806-960 MHZ, 6DT	SINCLAIR TECHNOLOGIE
DSSC479HF1D2E5608	SC479HF1LDF(E5608) D02	COLLINEAR OMNI ANTENNA, 9DBD, HD, NULL FILL, 746-869MHZ, 2 DEG DT	SINCLAIR TECHNOLOGIE
DSSC479HF1D2E6085	SC479-HF1LDF(D02-E6085)	COLLINEAR OMNI ANTENNA, 9.5DBD, HD, 746-869MHZ, 2 DEG DT	SINCLAIR TECHNOLOGIE
DSSC479HF1D2NUP	SC479-HF1LDF(D02-E5765)	COLLINEAR OMNI, 9 DBD, HD, NULL FILL, PIP RATED 746-869MHZ 2 DT	SINCLAIR TECHNOLOGIE
DSSC479HF1D4E6085	SC479-HF1LDF(D04-E6085)	COLLINEAR OMNI ANTENNA, 9.5DBD, HD, 746-869MHZ, 4 DEG DT	SINCLAIR TECHNOLOGIE
DSSC479HF1D4PIP	SC479-HF1LDF(D04-E5749)	COLLINEAR OMNI, 9DBD GAIN, HD, 746-869MHZ, PIP RATED W/DT OPTION	SINCLAIR TECHNOLOGIE
DSSC479HF1E5765D3	SC479-HF1LDF(D03-E5765)	COLLINEAR OMNI 9.5DBD LOW PIM NULL FILL PIP RATED HD 746-869MHZ 3DE	SINCLAIR TECHNOLOGIE
DSSC479HF1LD2E5608	SC479-HF1LDF(D02-E5608)	COLLINEAR OMNI, 9 DBD, LOW PIM, NULL FILL, HD, 746-869 MHZ 2DT	SINCLAIR TECHNOLOGIE
DSSC479HF1LD2E6085	SC479-HF1LDF(D02-E6085)	COLLINEAR OMNI, 10 DBD, LOW PIM, 2 DT, PIP/NF 746-869MHZ	SINCLAIR TECHNOLOGIE
DSSC479HF1LD2I5765	SC479-HF1LDF(D02I-E5765)	COLLINEAR OMNI, 9 DBD, NULL FILL, 746-869 25 KW PIP PIM 2DT INV	SINCLAIR TECHNOLOGIE
DSSC479HF1LD3E5608	SC479-HF1LDF(D03-E5608)	COLLINEAR OMNI, 9 DBD, LOW PIM, NULL FILL, HD, 746-869 MHZ 3DT	SINCLAIR TECHNOLOGIE
DSSC479HF1LD3E6085	SC479-HF1LDF(D03-E6085)	COLLINEAR OMNI, 10 DBD, LOW PIM, 3DT, PIP/NF 746-869MHZ	SINCLAIR TECHNOLOGIE
DSSC479HF1LD4E6085	SC479-HF1LDF(D04-E6085)	COLLINEAR OMNI, 10 DBD, LOW PIM, 4 DT, PIP/NF 746-869MHZ	SINCLAIR TECHNOLOGIE
DSSC479HF1LD5E6085	SC479-HF1LDF(D05-E6085)	COLLINEAR OMNI, 9.5 DBD, LOW PIM, PIP, NULL FILL 746-869MHZ 5DT	SINCLAIR TECHNOLOGIE
DSSC479HF1LD6E5749	SC479-HF1LDF(D00-E5749)	COLLINEAR OMNI, 6 DBD, LOW PIM, HD, PIP RATED, 6 DEGREE DT	SINCLAIR TECHNOLOGIE
DSSC479HF1LD6E5765	SC479-HF1LDF(D06-E5765)	COLLINEAR OMNI, 9 DBD, NULL FILL, 746-869 25 KW PIP PIM 6DT	SINCLAIR TECHNOLOGIE
DSSC479HF1LD6E6085	SC479-HF1LDF(D06-E6085)	COLLINEAR OMNI, 9.5 DBD, LOW PIM, PIP, NULL FILL 746-869MHZ 6DT	SINCLAIR TECHNOLOGIE
DSSC479HF1LD6I5765	SC479-HF1LDF(D06I-E5765)	COLLINEAR OMNI, 9 DBD, NULL FILL, 746-869 25 KW PIP PIM 6DT INV	SINCLAIR TECHNOLOGIE
DSSC479HF1LDE5765I	SC479-HF1LDF(D00I-E5765)	COLLINEAR OMNI, 9 DB 746-869 MHZ, LOW PIM, PIP, NULL FILL, INVERTED	SINCLAIR TECHNOLOGIE
DSSC479HF1LDF	SC479HF1LDF	COLLINEAR OMNI ANTENNA, 9.5 DBD GAIN, LOW PIM, HD, 746-869 MHZ	SINCLAIR TECHNOLOGIE
DSSC479HF1LDF4INUP	SC479-HF1LDF(D04I-E5765)	COLLINEAR OMNI, 9 DBD, LOW PIM, PIP, NULL FILL, INVTD, 746-869 MHZ,4DT	SINCLAIR TECHNOLOGIE
DSSC479HF1LDFD03	SC479-HF1LDF(D03)	COLLINEAR OMNI ANTENNA, 9.5 DBD GAIN, HD, 746-869 MHZ DT 3DT	SINCLAIR TECHNOLOGIE
DSSC479HF1LDFD04	SC479-HF1LDF(D04)	COLLINEAR OMNI ANTENNA, 9.5 DBD GAIN, HD, 746-869 MHZ DT 4 DEG	SINCLAIR TECHNOLOGIE
DSSC479HF1LDFD2NU	SC479-HF1LDF(D02-E5608)	COLLINEAR OMNI 9.5DBD LOW PIM NULL FILL HD 746-869MHZ 2 DEG DT	SINCLAIR TECHNOLOGIE
DSSC479HF1LDFD2NUP	SC479-HF1LDF(D02-E5765)	COLLINEAR OMNI, 9 DBD, LOW PIM, PIP RATED, NULL FILL, 2 DT, 746-869	SINCLAIR TECHNOLOGIE
DSSC479HF1LDFD4NU	SC479-HF1LDF(D04-E5608)	COLLINEAR OMNI 9.5DBD LOW PIM NULL FILL HD 746-869MHZ 4 DEG DT	SINCLAIR TECHNOLOGIE
DSSC479HF1LDFD4NUP	SC479-HF1LDF(D04-E5765)	COLLINEAR OMNI 9 DBD LOW PIM NULL FILL PIP RATED, HD 746-869 4 DEG DT	SINCLAIR TECHNOLOGIE
DSSC479HF1LDFD6	SC479-HF1LDF(D06)	COLLINEAR OMNI, 9.5 DBD, LOW PIM, HD, 6 DT, 746-869 MHZ	SINCLAIR TECHNOLOGIE
DSSC479HF1LDFD6NU	SC479-HF1LDF(D06-E5608)	COLLINEAR OMNI, 9.5 DBD, LOW PIM, 6 DEG DT, NULL FILL HD 746-869MHZ	SINCLAIR TECHNOLOGIE
DSSC479HF1LDFD6NUP	SC479HF1LDF(D06-E5765)	COLLINEAR OMNI 9 DBD LOW PIM NULL FILL PIP RATED, HD 746-869 6 DEG DT	SINCLAIR TECHNOLOGIE
DSSC479HF1LDFE5608	SC479-HF1LDF(D00-E5608)	COLLINEAR OMNI ANTENNA, 9 DBD GAIN, HD, 746-869MHZ, NULL FILL, LOW P	SINCLAIR TECHNOLOGIE
DSSC479HF1LDFE5749	SC479-HF1LDF(D00-E5749)	COLLINEAR 9.5 DBD LOW PIM, HD, 746-869 PIP RATED	SINCLAIR TECHNOLOGIE
DSSC479HF1LDFE5765	SC479-HF1LDF(D00-E5765)	COLLINEAR OMNI, 9 DBD, LOW PIM, NULL FILL, PIP RATED, 746-869 MHZ	SINCLAIR TECHNOLOGIE
DSSC479HF1LDFE6029	SC479-HF1LDF(D00-E6029)	COLLINEAR OMNI, 10 DBD, LOW PIM, PIP RATED, HD 746-869 MHZ	SINCLAIR TECHNOLOGIE
DSSC479HF1LDFE6085	SC479-HF1LDF(D00-E6085)	COLLINEAR OMNI, 9.5 DBD, LOW PIM, PIP, NULL FILL 746-869MHZ	SINCLAIR TECHNOLOGIE
DSSC479HF1LDFI6085	SC479-HF1LDF(D00I-E6085)	COLLINEAR OMNI, 9 DBD, LOW PIM, NULL FILL HD 746-869MHZ INV	SINCLAIR TECHNOLOGIE
DSSC479HF2D1E6085	SC479-HF2LDF(D01-E6085)	COLLINEAR OMNI, 9.5 DBD, LO PIM, HD, PIP/NULL FILL, 1DT 806-960 MHZ	SINCLAIR TECHNOLOGIE
DSSC479HF2LD2E6359	SC479-HF2LDF(D02-E6359)	COLLINEAR OMNI, 9 DBD, LOW PIM, NULL FILL, PIP RATED, HD 806-960 MHZ	SINCLAIR TECHNOLOGIE
DSSC479HF2LDFD0PIP	SC479-HF2LDF(D00-E5749)	COLLINEAR OMNI, 9.5 DBD, LOW PIM, PIP RATED, HD 0-10DT, 806-960 MHZ	SINCLAIR TECHNOLOGIE
DSSC479HF2LDFD6NU	SC479-HF2LDF(D06-E5608)	COLLINEAR OMNI, 9 DBD, LOW PIM, NULL FILL, HD, 6DT, 746-869 MHZ	SINCLAIR TECHNOLOGIE
DSSC488HF1LDFD06	SC488HF1LDFD06	LOW PIM COLLINEAR OMNI, 10 DBD GAIN, HEAVY DUTY 806-869 MHZ, 6 DEG	SINCLAIR TECHNOLOGIE
DSSC488HF2LDF	SC488HF2LDF	COLLINEAR OMNI, 10 DBD GAIN, LOW PIM, HD, 824-896 MHZ, DIN FEMALE CO	SINCLAIR TECHNOLOGIE
DSSC488SF1LDF	SC488SF1LDF	COLLINEAR OMNI ANTENNA, 10 DBD GAIN, LOW PIM, 806-869 MHZ, DIN	SINCLAIR TECHNOLOGIE
DSSC488SF1SNF	SC488-SF1SNF(D00)	COLLINEAR OMNI 10 DBD 806-869 MHZ	SINCLAIR TECHNOLOGIE
DSSC488SF1SNFD02	SC488-SF1SNF(D02)	COLLINEAR OMNI 10 DBD STANDARD DUTY RADOME 806-869 MHZ, 2 DEG DT	SINCLAIR TECHNOLOGIE
DSSC488SF1SNFD06	SC488-SF1SNF(D06)	COLLINEAR OMNI 9.5 DBD 806-869 MHZ 6DT	SINCLAIR TECHNOLOGIE

DSSC488SF2LDF	SC488-SF2LDF(D00)	LOW PIM COLLINEAR OMNI ANT., 10 DBD GAIN, 824-896 MHZ	SINCLAIR TECHNOLOGIE
DSSC488SF2LDFD02	SC488-SF2LDF(D02)	LOW PIM COLLINEAR OMNI, 10 DBD, 2 DEG DT 824-896 MHZ	SINCLAIR TECHNOLOGIE
DSSC488SF6LDF	SC488SF6LDF	COLLINEAR OMNI, 10 DB, LOW PIM 746-806 MHZ	SINCLAIR TECHNOLOGIE
DSSC489SF1LNF	SC489-SF1LNF	COLLINEAR OMNI, 9 DBD, UPRIGHT OR INVERTED, 806-869 MHZ	SINCLAIR TECHNOLOGIE
DSSCE114	SCE-114	SCE-114 SINGLE ENTRANCE ASSEMBLY FOR 1-1/4 IN COAXIAL CABLE	COMMSCOPE TECHNOLOGI
DSSCE12	SCE-12	SCE-12 WALL/ROOF FEED THRU KIT, FOR 1/2" CABLE	COMMSCOPE TECHNOLOGI
DSSCE78	SCE-78	SCE-78 CABLE SIZE 7/8" SINGLE ENTRANCE WALL/ROOF FEED-THRU ASSEMBLY	COMMSCOPE TECHNOLOGI
DSSD020ODDL	20003722	GENERATOR, 20KW DIESEL, 120/240V 1-PH, OUTDOOR HSG	GENERAC POWER SYSTEM
DSSD025ODDL	20003725	GENERATOR, 25KW DIESEL, OD ENCL W/MUFF	GENERAC POWER SYSTEM
DSSD035ODDL	20003731	GENERATOR, 35KW DIESEL, 120/240V 1-PH, OUTDOOR HOUSING	GENERAC POWER SYSTEM
DSSD035ODDL300G	20014154	GENERATOR, 35KW DIESEL, 120/240V 1-PH, OUTDOOR HOUSING 300 GAL TAN	GENERAC POWER SYSTEM
DSSD035SADL	20003734	GENERATOR, 35KW DIESEL, 120/240V 1-PH, SOUND ATTENUATED HOUSING (O	GENERAC POWER SYSTEM
DSSD050IDDL	D50ID - SD050 DSL, NO HSG	GENERATOR, 50KW DIESEL, 120/240V 1-PH, NO HOUSING (INDOOR USE ONLY)	GENERAC POWER SYSTEM
DSSD050ODDL	D50OD - SD050 DLS, OD HSG	GENERATOR, 50KW DIESEL, 120/240 1-PH, OUTDOOR HOUSING	GENERAC POWER SYSTEM
DSSD050ODDL211G	20012509	GENERATOR, 50KW DIESEL, 120/240 1-PH, OUTDOOR HOUSING 211 GAL TANK	GENERAC POWER SYSTEM
DSSD050ODDL300G	20013432	GENERATOR, 50KW DIESEL, 120/240 1-PH, OUTDOOR HOUSING 300 GAL TANK	GENERAC POWER SYSTEM
DSSD050ODDL3PH	20012478	GENERATOR, 50KW DIESEL, 120/208 3-PH, OUTDOOR HOUSING	GENERAC POWER SYSTEM
DSSD050SADL	20012506	GENERATOR, 50KW DIESEL, 120/240V 1-PH, SOUND ATTENUATED HOUSING (O	GENERAC POWER SYSTEM
DSSD050SADL3PH	D50SAE 3 PHASE	D50SAE 50KW DIESEL GENSET SOUND ATTEN 3 PHASE	GENERAC POWER SYSTEM
DSSD080ODDL	20012576	GENERATOR, 80KW DIESEL, 120/240V 1-PH , OUTDOOR HOUSING	GENERAC POWER SYSTEM
DSSD080SADL	20012579	GENERATOR, 80KW DIESEL, 1-PH , SND ATTN HOUSING	GENERAC POWER SYSTEM
DSSD100ODDL	20012648	GENERATOR, 100KW DIESEL, 120/240V 1-PH, OUTDOOR HOUSING	GENERAC POWER SYSTEM
DSSD100SADL3PH	SD100SAE SND ATTEN 3PH	GENERATOR, 100KW DIESEL, 120/208V 3-PH, SOUND ATTN (STD MDL)	GENERAC POWER SYSTEM
DSSD110SFXPASNM	SD110-SFXPASNM(FXXXX)	EXPOSED DIPLE DIRECTIVE ANTENNA, 2.5 DBD GAIN, 30-76	SINCLAIR TECHNOLOGIE
DSSD112SPASNMFO455	SD112-SF2PASNM(F0455)	DUAL STACKED EXPOSED DIPLOE, 5.5DBD, 10% BW N-MALE CONN 27-35MHZ	SINCLAIR TECHNOLOGIE
DSSD150SADL3PH	D150SAE - SD150 DSL, 3PH	GENERATOR, 150KW DIESEL, 120/208V 3-PH, SOUND ATTENUATED HOUSING (I	GENERAC POWER SYSTEM
DSSD175SADL3PH	D175SAE3-SD175 DSL, SND ATTEN	GENERATOR, 175KW DIESEL, 120/208 3-PH, SOUND ATTENUATED HOUSING (O	GENERAC POWER SYSTEM
DSSD210HF2P2LDF	SD210-HF2P2LDF	LOW PIM 1 DIPOLE,(HD VERSION) 138-174 MHZ, BIDIRECTIONAL 1.5 DBD, DIN	SINCLAIR TECHNOLOGIE
DSSD210HF2P2SNM	SD210-HF2P2SNM	1 DIPOLE, 1.5 DBD, BI-DIRECTIONAL HD 138-174 MHZ	SINCLAIR TECHNOLOGIE
DSSD210HF2P4LDF	SD210-HF2P4LDF	ANTENNA, LOW PIM 1 DIPOLE,(HD VERSION) 138-174MHZ, OFFSET, 2.0DBD, DI	SINCLAIR TECHNOLOGIE
DSSD210RSF2P120LDF	SD210R-SF2P120LDF(D00S)	LOW PIM VHF REFLECTOR ANTENNA, 120 DEG BEAMWIDTH, 138-174MHZ	SINCLAIR TECHNOLOGIE
DSSD210RSF2P90LDFD	SD210R-SF2P90LDF(D00S)	LOW PIM VHF REFLECTOR ANTENNA, 90 DEG BEAMWIDTH, 138-174MHZ	SINCLAIR TECHNOLOGIE
DSSD210SF2P2LDF	SD210-SF2P2LDF(D00)	LOW PIM 1 DIPOLE ANTENNA, 1.5 DBD GAIN, ELLIPTICAL, 138-174 MHZ, DIN	SINCLAIR TECHNOLOGIE
DSSD210SF2P2SNM	SD210SF2P2SNM	1 DIPOLE ANTENNA, 2.0 DBD GAIN, ELLIPTICAL, 138-174	SINCLAIR TECHNOLOGIE
DSSD210SF2P4LDF	SD210SF2P4LDF	LOW PIM 1 DIPOLE (STD VERSION),138-174MHZ,OFFSET 2.0 DBD GAIN	SINCLAIR TECHNOLOGIE
DSSD212DHF2P4LDFB	SD212D-HF2P4LDF(D00B)	2 DIPOLE, DUAL ARRAY, 2 FEED, 5 DBD, OFFSET, LOW PIM, HD,138-174 MHZ	SINCLAIR TECHNOLOGIE
DSSD212HF2P4LDF	SD212-HF2P4LDF (D00B)	LOW PIM 2 DIPOLE HD,138-174MHZ,OFFSET 5.0 DBD GAIN, BOTTOM MT	SINCLAIR TECHNOLOGIE
DSSD212RSF2P120LDF	SD212R-SF2P120LDF(D00S)	LOW PIM VHF REFLECTOR, 2 DIPOLE, 120 DEGREE B.W., 138-174 MHZ, 7DBD	SINCLAIR TECHNOLOGIE
DSSD212RSF2P60LDFB	SD212R-SF2P60LDF(D00S)	LOW PIM VHF REFLECTOR, 2 DIPOLE, 60 DEGREE B.W., 138-174 MHZ, 10DBD	SINCLAIR TECHNOLOGIE
DSSD212RSF2P90LDFB	SD212R-SF2P90LDF(D00S)	LOW PIM VHF REFLECTOR, 2 DIPOLE, 90 DEGREE B.W., 138-174 MHZ, 8.5DBD	SINCLAIR TECHNOLOGIE
DSSD212SF2P2LDF	SD212-SF2P2LDF	2 DIPOLE ANT, 4.5 DBD GAIN, BI-DIRECTIONAL, 138-174 MHZ, DIN, LOW PIM	SINCLAIR TECHNOLOGIE
DSSD212SF2P2SNM	SD212-SF2P2SNM	2 DIPOLE 5 DB GAIN BI-DIRECTIONAL 138-174 MHZ	SINCLAIR TECHNOLOGIE
DSSD212SF2P4LDF	SD212SF2P4LDF	LOW PIM 2 DIPOLE ANTENNA, 5.0 DBD GAIN, OFFSET, 138-174 MHZ, DIN	SINCLAIR TECHNOLOGIE
DSSD212SF2P4LDFD00	SD212SF2P4LDFD00	2 BAY DIPOLE 5DBD LOW PIM OFFSET 138-174MHZ SUBBAND F2 DIN F CONN C	SINCLAIR TECHNOLOGIE
DSSD212SF2P4SNMD00	SD212-SF2P4SNM (D00)	2 DIPOLE ANT 5.5 DBD G 138-174 1/4W NM	SINCLAIR TECHNOLOGIE
DSSD214HF2P2LDF	SD214-HF2P2LDF (D00B)	LOW PIM 4 DIPOLE HD, 138-174MHZ,BIDIRECTIONAL 7.0 DBD GAIN, DIN	SINCLAIR TECHNOLOGIE
DSSD214HF2P2SNMB	SD214-HF2P2SNM(D00B)	4 DIPOLE 8.0 DBD BI-DIRECTIONAL, TOP MT, HD, 138-174 MHZ	SINCLAIR TECHNOLOGIE
DSSD214HF2P2SNMD0S	SD214-HF2P2SNM(D00S)	4 DIPOLE, 8.0 DBD, BI-DIRECTIONAL, SIDE MOUNT, HD, 138-174 MHZ	SINCLAIR TECHNOLOGIE
DSSD214HF2P4LDFD0S	SD214-HF2P4LDF(D00S)	4 DIPOLE, 7.5 DBD LOW PIM, OFFSET, HD, 138-174 MHZ SIDE MOUNT	SINCLAIR TECHNOLOGIE
DSSD214RSF2P120LDF	SD214R-SF2P120LDF	LOW PIM VHF REFLECTOR ANTENNA, 120 DEGREE B.W., 138-174 MHZ	SINCLAIR TECHNOLOGIE
DSSD214SF2P4LDF	SD214-SF2P4LDF(D00)	LOW PIM 4 DIPOLE (STD VERSION), 138-174MHZ,OFFSET, 7.5 DBD GAIN	SINCLAIR TECHNOLOGIE
DSSD222SF4PASNM	SD222-SF4PASNM	EXPOSED DIPOLE 3DBD OMNI, 6DBD OFFSET, FIELD ADJUST, N-MALE 147-157M	SINCLAIR TECHNOLOGIE
DSSD222SF7PASNM	SD222SF7PASNM	EXPOSED DIPOLE 3DBD OMNI, 6DBD OFFSET, FIELD ADJUST, N-MALE 164-174M	SINCLAIR TECHNOLOGIE
DSSD222SF8PASNM	SD222-SF8PASNM	EXPOSED DIPOLE 3 DBD OMNI, 6 DBD OFFSET FIELD ADJUST N-MALE 150-160M	SINCLAIR TECHNOLOGIE
DSSD222SF9PASNM	SD222-SF9PASNM	EXPOSED DIPOLE 3 DBD/ 6 DBD OFFSET, FIELD ADJUST N-MALE 160-170MHZ	SINCLAIR TECHNOLOGIE
DSSD224SF7PASNM	SD224SF7PASNM	EXPOSED DIPOLE ANTENNA, 6/9 DBD GAIN, FIELD ADJUSTABLE, 163-174 MHZ	SINCLAIR TECHNOLOGIE
DSSD224SF8PASNM	SD224SF8PASNM	EXPOSED DIPOLE, 6/9 DBD, FIELD ADJUSTABLE 150-160 MHZ	SINCLAIR TECHNOLOGIE
DSSD2352HF2PALDF	SD2352-HF2PALDF(D00B)	LOW PIM EXP. DIPOLE, 5.5/8.0 DBD,HD, ADJ. PATTERN, 138-174 MHZ	SINCLAIR TECHNOLOGIE
DSSD2352SF2PALDF	SD2352-SF2PALDFD0B	LOW PIM EXP. DIPOLE, 5.5/8.0 DBD GAIN, 138-174MHZ, FIELD ADJ., DIN	SINCLAIR TECHNOLOGIE
DSSD2352SF2PASNMDO	SD2352-SF2PASNM(D00)	EXPOSED DIPOLE ARRAY, 6/8.5 DBD GAIN, FIELD ADJUST, 138-174 MHZ	SINCLAIR TECHNOLOGIE
DSSD235SF2PALDFB	SD235-SF2PALDF(D00B)	EXP DIPOLE ARRAY 3 DBD/5.5DBD, FIELD ADJ, LOW PIM, 138-174MHZ	SINCLAIR TECHNOLOGIE
DSSD235SF2PASNM	SD235SF2PASNM	EXPOSED DIPOLE ARRAY 3/5.5 DB GAIN FIELD ADJUSTABLE 138-174MHZ	SINCLAIR TECHNOLOGIE
DSSD310HF1P4LDF	SD310HF1P4LDF	LOW PIM 1 DIPOLE, 370-430MHZ, OFFSET PATTERN, 2.0 DBD GAIN	SINCLAIR TECHNOLOGIE
DSSD310HF3P2LDF	SD310HF3P2LDF	LOW PIM 1 DIPOLE, 450-512MHZ, ELLIPTICAL, HD, 1.5 DBD GAIN	SINCLAIR TECHNOLOGIE
DSSD310HF3P4LDF	SD310-HF3P4LDF	LOW PIM 1 DIPOLE, 450-512 MHZ, OFFSET PATTERN, 2.0 DBD GAIN, DIN	SINCLAIR TECHNOLOGIE
DSSD312HF1P2SNMD0	SD312-HF1P2SNM(D00)	2 DIPOLE 5 DBD, BI-DIRECTIONAL, N-MALE, HD, 370-460 MHZ	SINCLAIR TECHNOLOGIE
DSSD312HF2P2SNM	SD312-HF2P2SNM(D00)	2 DIPOLE ANTENNA, 5 DB GAIN, ELLIPTICAL, HEAVY DUTY, 406-512 MHZ	SINCLAIR TECHNOLOGIE
DSSD312HF2P4LDF	SD312-HF2P4LDF(D00)	2 DIPOLE ANT, 5 DBD, OFFSET, LOW PIM, HEAVY-DUTY, 406-470 MHZ, DIN	SINCLAIR TECHNOLOGIE
DSSD312HF2P4SNM	SD312-HF2P4SNM	2 DIPOLE ANTENNA, 5.5 DBD GAIN, OFFSET, HEAVY DUTY 406-512 MHZ	SINCLAIR TECHNOLOGIE
DSSD314DHF1P4LDF	SD314D-HF1P4LDF(D00S)	DUAL PORT, 4 DIPOLE, 7.5 DBD, HD, LOW PIM, 370-430 MHZ	SINCLAIR TECHNOLOGIE
DSSD314DHF2P4LDFB	SD314DHF2P4LDFB	DUAL PORT, 4 DIPOLE ANT, 7.5 DBD GAIN, HD, 406-470 MHZ OFFSET	SINCLAIR TECHNOLOGIE

DSSD314DSF2P2SNM	SD314D-SF2P2SNM(D00)	DUAL, 4 DIPOLE, TWO INPUT, 8.0 DBD, BI-DIRECTIONAL, HD, 406-512 MHZ	SINCLAIR TECHNOLOGIE
DSSD314HF1P2LDFD4	SD314-HF1P2LDF(D04)	4 DIPOLE, 7 DBD, BI-DIRECTIONAL, LOW PIM, HD, 370-430 MHZ, 4 DEG DT	SINCLAIR TECHNOLOGIE
DSSD314HF1P2SNM	SD314-HF1P2SNM	4 DIPOLE ANTENNA, 8.0 DBD GAIN, ELLIPTICAL, HD, 370-430 MHZ	SINCLAIR TECHNOLOGIE
DSSD314HF2P2LDF	SD314HF2P2LDF	LOW PIM 4 DIPOLE, 406-470MHZ, BIDIRECTIONAL, 7.0 DBD GAIN	SINCLAIR TECHNOLOGIE
DSSD314HF2P4LDF	SD314-HF2P4LDF(D00)	LOW PIM 4 DIPOLE ANT, 7.5 DBD, OFFSET, HEAVY-DUTY, 406-470 MHZ, DIN	SINCLAIR TECHNOLOGIE
DSSD318HF1P2LDF	SD318HF1P2LDF	8 DIPOLE, 10 DBD, BI-DIRECTIONAL, LOW PIM, HD, 370-430 MHZ	SINCLAIR TECHNOLOGIE
DSSD318HF1P4LDF	SD318-HF1P4LDF(D00)	8 DIPOLE, 10.5 DBD, OFFSET, LOW PIM, HD, 370-430 MHZ	SINCLAIR TECHNOLOGIE
DSSD318HF2P2LDF	SD318-HF2P2LDF(D00)	8 DIPOLE BI-DIRECTIONAL ANT, 10 DBD, HD, LO PIM, 406-470 MHZ, DIN	SINCLAIR TECHNOLOGIE
DSSD318HF2P4LDF	SD318HF2P4LDF	EXPOSED DIPOLE DIRECTIVE ANT, 10.5 DBD, HD, WIDE BAND, 406-470MHZ, DIN	SINCLAIR TECHNOLOGIE
DSSD318HF3P4LDF	SD318-HF3P4LDF(D00)	8 DIPOLE, 10.5 DBD GAIN, LOW PIM, OFFSET, HEAVY-DUTY, 450-512 MHZ, DIN	SINCLAIR TECHNOLOGIE
DSSD3352HF1PASNM	SD3352-HF1PASNM(D00B)	EXPOSED DIPOLE, 6/8.5 DBD, HEAVY DUTY, FIELD ADJUSTABLE 406-512 MHZ	SINCLAIR TECHNOLOGIE
DSSD3352HF2PALDF	SD3352-HF2PALDF(D00)	LOW PIM EXPOSED DIPOLE, ADJ., HD, 406-470MHZ, 5.5/8.0 DBD GAIN	SINCLAIR TECHNOLOGIE
DSSD3358SF1PALDF0B	SD3358-SF1PALDF(D00B)	EXPOSED DIPOLE ANTENNA, 12-14 DBD, FIELD ADJUST, LOW PIM, 406-512MHZ	SINCLAIR TECHNOLOGIE
DSSD335HF1PASNM	SD335HF1PASNM	EXPOSED DIPOLE, 3/5.5 DBD, FIELD ADJUSTABLE, 406-512 MHZ	SINCLAIR TECHNOLOGIE
DSSD335HF2PALDF	SD335HF2PALDF	EXP DIPOLE ARRAY, 2.5/5.0 DBD, LOW PIM, FIELD ADJUST, HD, 406-470 MHZ	SINCLAIR TECHNOLOGIE
DSSDMOFR01RXCK	SDMOFR01RXCK	SDMOFR01RXCK, 1 CH RX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR01TXCK	SDMOFR01TXCK	SDMOFR01TXCK, 1 CH TX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR02RXCK	SDMOFR02RXCK	SDMOFR02RXCK, 2 CH RX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR02TXCK	SDMOFR02TXCK	SDMOFR02TXCK, 2 CH TX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR03RXCK	SDMOFR03RXCK	SDMOFR03RXCK, 3 CH RX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR03TXCK	SDMOFR03TXCK	SDMOFR03TXCK, 3 CH TX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR04RXCK	SDMOFR04RXCK	SDMOFR04RXCK, 4 CH RX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR04TXCK	SDMOFR04TXCK	SDMOFR04TXCK, 4 CH TX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR05RXCK	SDMOFR05RXCK	SDMOFR05RXCK, 5 CH RX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR05TXCK	SDMOFR05TXCK	SDMOFR05TXCK, 5 CH TX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR06RXCK	SDMOFR06RXCK	SDMOFR06RXCK, 6 CH RX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR06TXCK	SDMOFR06TXCK	SDMOFR06TXCK, 6 CH TX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR07RXCK	SDMOFR07RXCK	SDMOFR07RXCK, 7 CH RX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR07TXCK	SDMOFR07TXCK	SDMOFR07TXCK, 7 CH TX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR08RXCK	SDMOFR08RXCK	SDMOFR08RXCK, 8 CH RX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR08TXCK	SDMOFR08TXCK	SDMOFR08TXCK, 8 CH TX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR09RXCK	SDMOFR09RXCK	SDMOFR09RXCK, 9 CH RX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR09TXCK	SDMOFR09TXCK	SDMOFR09TXCK, 9 CH TX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR10RXCK	SDMOFR10RXCK	SDMOFR10RXCK, 10 CH RX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSDMOFR10TXCK	SDMOFR10TXCK	SDMOFR10TXCK, 10 CH TX CABLE KIT, SHORT DUAL RACK	DBSPECTRA
DSSE412SWBP2LDFD0	SE412-SWBP2LDF(D00)	ENCLOSED DIPOLE, 5 DBD, BI-DIRECTIONAL 746-960 MHZ, DF, LOW PIM, PIP	SINCLAIR TECHNOLOGIE
DSSE412SWBP2LNF	SE412-SWBP2LNF	ENCLOSED DIPOLE, 4.5 DBD, BI-DIRECTIONAL, 746-960 MHZ PIP	SINCLAIR TECHNOLOGIE
DSSE412SWBP4LDFD6	SE412-SWBP4LDF(D06)	ENCLOSED DIPOLE, 5 DBD, OFFSET, LOW PIM, 746-960 MHZ, 6DT, PIM, PIP	SINCLAIR TECHNOLOGIE
DSSE412SWBP4LNF	SE412-SWBP4LNF(D00)	ENCLOSED DIPOLE, 5 DBD, OFFSET, LOW PIM, 746-960 MHZ	SINCLAIR TECHNOLOGIE
DSSE414SWBP2LDF	SE414-SWBP2LDF(D00)	ENC. DIPOLE ARRAY BI-DIRECTIONAL, 7 DBD, LOW PIM 746-960 MHZ	SINCLAIR TECHNOLOGIE
DSSE414SWBP2LDFD6	SE414-SWBP2LDF(D06)	ENCLOSED DIPOLE, BI-DIRECTIONAL, 7 DBD, LOW PIM, 6DT, 746-960 MHZ	SINCLAIR TECHNOLOGIE
DSSE414SWBP4LDF	SE414-SWBP4LDF(D00)	ENCLOSED DIPOLE, 7.5 DBD, OFFSET LOW PIM 746-960 MHZ	SINCLAIR TECHNOLOGIE
DSSE414SWBP4LDFD4	SE414-SWBP4LDF(D04)	ENCLOSED DIPOLE, 7.5 DBD, OFFSET LOW PIM 746-960 MHZ 4DT	SINCLAIR TECHNOLOGIE
DSSE414SWBPALDFD0	SE414-SWBPALDF(D00)	ENCLOSED DIPOLE, 8-11.5 DBD, ADJ BEAMWIDTH, LOW PIM, PIP, 746-960 MHZ	SINCLAIR TECHNOLOGIE
DSSE414SWBPALDFD6	SE414-SWBPALDF(D06)	ENCLOSED DIPOLE, 11.5 DBD, ADJ BEAMWID, LOW PIM, PIP, 6DT, 746-960 MHZ	SINCLAIR TECHNOLOGIE
DSSE4192SF1P4LDFD6	SE4192-SF1P4LDF(D06)	ENCLOSED DIPOLE DIRECTIONAL, 14 DBD, LOW PIM, 4 DEG DT 806-896MHZ	SINCLAIR TECHNOLOGIE
DSSE4192SWBP2LDFD0	SE4192-SWBP2LDF(D00)	ENCLOSED DIPOLE, BI-DIRECTIONAL, 12 DBD, LOW PIM, 746-960 MHZ	SINCLAIR TECHNOLOGIE
DSSE4192SWBP2LDFD1	SE4192-SWBP2LDF(D01)	ENCLOSED DIPOLE, BI-DIRECTIONAL, 12 DBD, LOW PIM, 746-960 MHZ, 1DT	SINCLAIR TECHNOLOGIE
DSSE4192SWBP4LD3NU	SE4192-SWBP4LDF(D03-E6461)	ENCLOSED DIPOLE, OFFSET, 12 DBD, NULL FILL, 3DT, 746-960 MHZ	SINCLAIR TECHNOLOGIE
DSSE4192SWBP4LD6NU	SE4192-SWBP4LDF(D06-E6461)	ENCLOSED DIPOLE, OFFSET, 12 DBD, NULL FILL, 6DT, 746-960 MHZ	SINCLAIR TECHNOLOGIE
DSSE4192SWBP4LDF	SE4192-SWBP4LDF(D00)	ENCLOSED DIPOLE, OFFSET, 12 DBD, 746-960 MHZ, LOW PIM, PIP	SINCLAIR TECHNOLOGIE
DSSE4192SWBP4LDNUF	SE4192-SWBP4LDF(D00-NUF)	ENCLOSED DIPOLE, OFFSET, 12 DBD, 746-960 MHZ, LOW PIM, PIP, NULL FILL	SINCLAIR TECHNOLOGIE
DSSE4192SWBPALD3NU	SE4192-SWBPALDF(D03-NUF)	ENCLOSED DIPOLE, 17.5DBD, ADJ. BW, NULL FILL, 3DT,746-960MHZ	SINCLAIR TECHNOLOGIE
DSSE4192WBPALDFNUF	SE4192-SWBPALDF(D00-NUF)	ENCL DIPOLE, 13.5-17.5 DBD, FIELD ADJ, DIN-F, LOW PIM, PIP, NULL FILL	SINCLAIR TECHNOLOGIE
DSSE419SF3P4LDFD02	SE419-SF3P4LDFD02	ENCLOSED DIPOLE ARRAY OFFSET, 10.5 DBD LOW PIM, 746-869 MHZ 2DT	SINCLAIR TECHNOLOGIE
DSSE419SWBP2LDF	SE419SWBP2LDF(D00)	ENCLOSED DIPOLE, BI-DIRECTIONAL, 10 DBD, LOW PIM, 746-960 MHZ	SINCLAIR TECHNOLOGIE
DSSE419SWBP2LDFD4	SE419-SWBP2LDF(D04)	ENCLOSED DIPOLE, BI-DIRECTIONAL, 9.5 DBD, LOW PIM, PIP 4DT, 746-960 MHZ	SINCLAIR TECHNOLOGIE
DSSE419SWBP4LDF	SE419-SWBP4LDF(D00)	ENCLOSED DIPOLE ARRAY, OFFSET, 10 DBD, LOW PIM, 746-960 MHZ	SINCLAIR TECHNOLOGIE
DSSE419SWBPALDF	SE419-SWBPALDF(D00)	ENCLOSED DIPOLE ARRAY, 11.5-15.5 DBD, LOW PIM, 746-960 MHZ	SINCLAIR TECHNOLOGIE
DSSE419SWBPALDFD2	SE419-SWBPALDF(D02)	ENCLOSED DIPOLE ARRAY, 11.5-15.5 DBD, LOW PIM, 746-960 MHZ 2DT	SINCLAIR TECHNOLOGIE
DSSE419SWBPALDFD3	SE419-SWBPALDF(D03)	ENCLOSED DIPOLE ARRAY, 11.5-15.5 DBD, LOW PIM, 746-960 MHZ 3DT	SINCLAIR TECHNOLOGIE
DSSE419SWBPALDFD4	SE419-SWBPALDF(D04)	ENCLOSED DIPOLE ARRAY, 11.5-15.5 DBD, LOW PIM, 746-960 MHZ 4DT	SINCLAIR TECHNOLOGIE
DSSEC1114	SEC-1114	SEC-1114 SNAP - SEAL ENTRY CUSHION 1X1 1/4" KT OF 1	COMMSCOPE TECHNOLOGI
DSSEC1158	SEC-1158	SEC-1158 SNAP-SEAL ENTRY CUSHION W/1 HOLE FOR 1-5/8" CORRIGATD COAX	COMMSCOPE TECHNOLOGI
DSSEC378	SEC-378	SEC-378 SNAP-SEAL ENTRY CUSHION 3 X 7/8", KIT OF 1	COMMSCOPE TECHNOLOGI
DSSEC412	SEC-412	SEC-412 SNAP-SEAL ENTRY CUSHION 4 X 1/2IN KIT OF 1	COMMSCOPE TECHNOLOGI
DSSEC638	SEC-638	SNAPSEAL ENTRY CUSHION WITH 6 HOLES FOR 3/8" CORRUGATED COAXIAL CA	COMMSCOPE TECHNOLOGI
DSSG035IDNG	20013530	GENERATOR, 35KW NAT GAS, 120/240V 1-PH, NO ENCL	GENERAC POWER SYSTEM
DSSG035IDVP	20012729	GENERATOR, 35KW LP VAPOR, 120/240V 1PH, ID 5.4 L, UPSIZE TO 40KW	GENERAC POWER SYSTEM
DSSG035ODNG	20013532	GENERATOR, 35KW NAT GAS, 120/240V 1-PH, OUTDOOR HOUSING	GENERAC POWER SYSTEM
DSSG035ODVP	20012738	GENERATOR, 35KW LP VAPOR, 120/240V 1-PH, OUTDOOR HOUSING	GENERAC POWER SYSTEM

DSSG035SANG	20015252	GENERATOR, 35KW NAT GAS, 120/240V 1-PH, SOUND ATTENUATED HOUSING	GENERAC POWER SYSTEM
DSSG035SAVP	20015248	GENERATOR, 35KW LP VAPOR, 120/240V 1PH, SOUND ATTENUATED HOUSING	GENERAC POWER SYSTEM
DSSG050IDNG	20013533	GENERATOR, 50KW, NATURAL GAS, 1P, NO ENCL	GENERAC POWER SYSTEM
DSSG050IDVP	20013253	GENERATOR, 50KW, LP VAPOR, 1P, NO ENCL	GENERAC POWER SYSTEM
DSSG050ODNG	20012274	GENERATOR, 50KW NAT GAS, 120/240V 1-PH, OUTDOOR HOUSING	GENERAC POWER SYSTEM
DSSG050ODVP	20013257	GENERATOR, 50KW LP VAPOR, 120/240V 1-PH, OUTDOOR HOUSING	GENERAC POWER SYSTEM
DSSG050SANG	20013534	GENERATOR, 50KW NAT GAS, 120/240V 1-PH, SOUND ATTENUATED HOUSING	GENERAC POWER SYSTEM
DSSG050SAVP	20013272	GENERATOR, 50KW LP VAPOR, 120/240V 1PH, SOUND ATTENUATED HOUSING	GENERAC POWER SYSTEM
DSSG070ODNG	20013684	GENERATOR, 70KW NAT GAS, 120/240V 1-PH, OUTDOOR HOUSING	GENERAC POWER SYSTEM
DSSG070ODVP	20013427	GENERATOR, 70KW LP VAPOR, 120/240V 1-PH, OUTDOOR HOUSING	GENERAC POWER SYSTEM
DSSG070SANG3PH	SG070 - SOUND ATTENUATED HSG	70 KVA GENERAC GENSET NAT GAS SOUND ATTENUATED 3 PHASE	GENERAC POWER SYSTEM
DSSG070SAVP	20013776	GENERATOR, 70KW LP VAPOR, 120/240V 1-PH, SOUND ATTENUATED HOUSING	GENERAC POWER SYSTEM
DSSG080ODVP	20013449	GENERATOR, 80KW LP VAPOR, 120/240V 1-PH, OUTDOOR HOUSING	GENERAC POWER SYSTEM
DSSG100ODNG	20013726	100KW NAT GAS GENERATOR, 1PH, OUTDOOR HOUSING	GENERAC POWER SYSTEM
DSSG100ODVP	20013454	100KW LP VAPOR GENERATOR, 1PH, OUTDOOR HOUSING	GENERAC POWER SYSTEM
DSSG100ODVP3PH	SG100 - STD OD HOUSING 3PH	100KW LP VAPOR GENERATOR, 3PH, 120/208 OUTDOOR HOUSING	GENERAC POWER SYSTEM
DSSG100SANG3PH	SG100 - SOUND ATTENUATED HSG	GENERATOR, 100KW, NAT GAS, 3 PHASE SOUND ATTN HSG	GENERAC POWER SYSTEM
DSSG100SAVP	20013455	GENERATOR, 100KW LP VAPOR, 120/240V 1PH, SOUND ATTENUATED HOUSING	GENERAC POWER SYSTEM
DSSG100SAVP3PH	LPV100SAE3	GENERATOR, 100KW LP VAPOR, 120/208V 3-PH, SOUND ATTENUATED HOUSING	GENERAC POWER SYSTEM
DSSG101SFXSNM	SG101-SFXSNM	GROUND PLANE OMNI ANTENNA, 0 DBD GAIN, 30-76 MHZ,FREQ MUST BE PRC	SINCLAIR TECHNOLOGIE
DSSG11406B2A	SG114-06B2A	SG114-06B2A 1-1/4" SURE GROUND GROUNDING KIT	COMMSCOPE TECHNOLOGI
DSSG11412B2U	SG114-12B2U	SG114-12B2U 1-1/4" SUREGROUND GROUNDING KIT	COMMSCOPE TECHNOLOGI
DSSG1206B2A	SG12-06B2A	SG12-06B2A 1/2IN SURE GROUND GROUNDING KIT	COMMSCOPE TECHNOLOGI
DSSG1212B2U	SG12-12B2U	SG12-12B2U, SUREGROUND 1/2", 48"	COMMSCOPE TECHNOLOGI
DSSG130IDNG3PH	NG130ID3	GENERAC INDOOR 130KW NATURAL GAS, 3 PHASE	GENERAC POWER SYSTEM
DSSG130SAVP3PH	LPV130SAE3	GENERATOR, 130KW LP VAPOR, 120/208V 3-PH, SOUND ATTENUATED HOUSING	GENERAC POWER SYSTEM
DSSG15806B2A	SG158-06B2A	SG158-06B2A 1-5/8" SUREGROUND GROUNDING	COMMSCOPE TECHNOLOGI
DSSG201SF3SNF	SG201-SF3SNF	GROUND PLANE OMNI ANTENNA, 0 DBD GAIN, 148-174 MHZ	SINCLAIR TECHNOLOGIE
DSSG238HF1SNM	SG238-HF1SNM	GROUND PLANE OMNI, 0 DBD, HD, 118-138 MHZ	SINCLAIR TECHNOLOGIE
DSSG301SF1SNF	SG301-SF1SNF	GROUND PLANE OMNIDIRECTIONAL ANT 0 DBD GAIN 406-420 MHZ	SINCLAIR TECHNOLOGIE
DSSG301SF2SNF	SG301SF2SNF	GROUND PLANE OMNI ANTENNA, 0 DBD GAIN, 450 - 470 MHZ	SINCLAIR TECHNOLOGIE
DSSG301SF2SNM	SG301-SF2SNM	GROUND PLANE OMNI ANTENNA, 0 DBD GAIN, 450-470 MHZ	SINCLAIR TECHNOLOGIE
DSSG301SF4SNF	SG301SF4SNF	GROUND PLANE ANTENNA 0 DBD GAIN, 470-490 MHZ, N FEMALE	SINCLAIR TECHNOLOGIE
DSSG317SF2SNM	SG317-SF2SNM	GROUND PLANE OMNIDIRECTIONAL ANT 2.5DBD GAIN 450-470 MHZ	SINCLAIR TECHNOLOGIE
DSSG401SF1SNF	SG401SF1SNF	GROUND PLANE OMNI ANTENNA, 0 DBD GAIN, 806 - 890 MHZ	SINCLAIR TECHNOLOGIE
DSSG401SF1SNM	SG401-SF1SNM	GROUND PLANE OMNI, 0 DBD, 806-890 MHZ, 2 CLAMPS	SINCLAIR TECHNOLOGIE
DSSG401SF2SNF	SG401SF2SNF	GROUND PLANE OMNI ANTENNA, 0 DBD GAIN, 890-960	SINCLAIR TECHNOLOGIE
DSSG401SF2SNM	SG401SF2SNM	GROUND PLANE OMNI ANTENNA, 0 DBD GAIN, 890-960	SINCLAIR TECHNOLOGIE
DSSG401SF3SNF	SG401-SF3SNF	GROUND PLANE OMNI, 0 DBD, 768-869 MHZ	SINCLAIR TECHNOLOGIE
DSSG401SF4SNF	SG401-SF4SNF	GROUND PLANE OMNI, 0 DBD, 750-805 MHZ	SINCLAIR TECHNOLOGIE
DSSG5806B2A	SG58-06B2A	SG58-06B2A SUREGROUND KIT FOR 5/8 INCH CABLE	COMMSCOPE TECHNOLOGI
DSSG7806B2A	SG78-06B2A	SG78-06B2A GROUNDING KIT FOR 7/8 IN COAXIAL CABLE	COMMSCOPE TECHNOLOGI
DSSG7812B2U	SG78-12B2U	SG78-12B2U SUREGROUND GROUNDING KIT FOR 7/8 IN COAXIAL CABLE	COMMSCOPE TECHNOLOGI
DSSGKN4427A	SGKN4427A	CBL,PWR,US/CANADA/MEXICO PWR CBL,F/G	CAMBUIUM NETWORKS LIM
DSSGLN6552A	SGLN6552A	BRACKET MOUNTING POLE M8	CAMBUIUM NETWORKS LIM
DSSH36SRMASL	SH-36S-RM-ASL	SIGNALHAWK, RACKMOUNT SPECTRUM ANALYZER W/ASL 100KHZ - 3.6 GHZ	BIRD ELECTRONIC CORP
DSSHU114	SH-U114	SH-U114, UNIVERSAL SNAP-IN HANGER FOR 1-1/4" AIRCELL COAX, PKG OF 10	TRILOGY COMMUNICATIO
DSSHU12	SH-U12	SH-U12, UNIVERSAL SNAP-IN HANGER FOR 1/2" AIRCELL COAX, PKG OF 10	TRILOGY COMMUNICATIO
DSSHU158	SH-U158	SH-U158, UNIVERSAL SNAP-IN HANGER FOR 1-5/8" AIRCELL COAX, PKG OF 10	TRILOGY COMMUNICATIO
DSSHU78	SH-U78	SH-U78, UNIVERSAL SNAP-IN HANGER FOR 7/8" AIRCELL COAX, PKG OF 10	TRILOGY COMMUNICATIO
DSSK4000TC	SK-4000-TC QUOTE 00139262	SITEHAWK, 85 - 4000 MHZ TRANSIT CASE VERSION	BIRD ELECTRONIC CORP
DSSL11R	SL-11R	POWER SUPPLY, 25 WATT 9.5 AMPS	ASTRON CORP
DSSL11SMGTX	SL-11SM/GTX	POWER SUPPLY, CUSTOM BASE STATION, 11A	ASTRON CORP
DSSL120	1104-29-000	SPD, TYPE 3, 120VAC, 15A PLUG-IN WITH 15A SIMPLEX OUTLET	TRANSECTOR SYSTEMS
DSSL15CDM	SL-15CDM	ASTRON 12V POWER SUPPLY	ASTRON CORP
DSSL15R	SL-15R	POWER SUPPLY, LOW PROFILE 15A	ASTRON CORP
DSSL15SMGTX	SL-15SM/GTX	POWER SUPPLY, CUSTOM BASE STATION, 15A	ASTRON CORP
DSSLRBRK	SLRBRK	SLR IN BUD CABINET BRACKETS	DBSPECTRA
DSSMART1000RM2U	SMART1000RM2U	UPS, SMART1000RM2U 1KVA LINE INTERACTIVE	TRIPP LITE MANUFACTU
DSSMART1000RML2U	SMART1000RML2U	UPS, SMARTPRO 1KVA 900W LINE INTERACTIVE, EXTENDED-RUN & SNMP	TRIPP LITE MANUFACTU
DSSMART1500	SMART1500	UPS,1500VA SMARTPRO TOWER LINE-INTERACTIVE 120V 6 OUTLET -	TRIPP LITE MANUFACTU
DSSMART1500RML2U	SMART1500RML2UA	UPS,1500VA SYS SMARTPRO RACK/TOWER EXTENDED RUN LINE-INT	TRIPP LITE MANUFACTU
DSSMART1500SLT	SMART1500SLT	UPS,TRIPP LITE 1500VA 900W UPS SMART TOWER AVR 120V USB DB9 SNMP	TRIPP LITE MANUFACTU
DSSMART2200RML2U	SMART2200RML2U	SMART 2200 RM XL 3DBP COMM PORTS, EXTENDED RUNTIME	TRIPP LITE MANUFACTU
DSSMART2600RM2U	SMART2600RM2U	UPS, 2600VA SYS SMARTPRO RACK/TOWER LINE-INTERACTIVE 120V 9 OUTLET	TRIPP LITE MANUFACTU
DSSMART3000CRMXL	SMART3000CRMXL	UPS, 3000VA COMPACT 4U RM SMART PRO LINE-INTERACTIVE 9 OUTLETS 120V	TRIPP LITE MANUFACTU
DSSMART3000RML2U	SMART3000RML2U	3000VA UPS SMARTPRO RACK/TOWER LINE-INTERACTIVE 3KVA 120V 9 OUT	TRIPP LITE MANUFACTU
DSSMART3000RMXLN	SMART3000RMXLN	UPS, 3000VA 2880W UPS SMART LCD RACKMOUNT AVR 120V USB DB9 SNMP	TRIPP LITE MANUFACTU
DSSMART750RM1U	SMART750RM1U	UPS,750VA UPS SMARTPRO RACK/TOWER LINE-INTERACTIVE 120V 6 OUTLET	TRIPP LITE MANUFACTU
DSSMD2036	SMD2036	SIDE MOUNTED EXPOSED DIPOLE, 0DBD,228 DEG BW,130-150 MHZ	RFI AMERICAS INC
DSSMD2041	SMD20-41	SIDE MOUNTED EXPOSED DIPOLE, 0DBD, 175 DEG BW, 148-174 MHZ	RFI AMERICAS INC



DSSMD467U	SMD4-67-U	SIDE MOUNTED EXPOSED DIPOLE, 0 DBD, 220 DEG BW, 400-520 MHZ	RFI AMERICAS INC
DSSMD783U	SMD7-83-U	SIDE MOUNTED EXPOSED DIPOLE, 0 DBD, 190 DEG BW, 746-870 MHZ, PIM RAT	RFI AMERICAS INC
DSSMD890U	SMD8-90-U	SIDE MOUNTED EXPOSED DIPOLE, 0DBD, 213 DEG BW, 806-960 MHZ	RFI AMERICAS INC
DSSMK325A3	SMK-325-A3	ADJUSTABLE SIDE MOUNT KIT FOR UP TO 3 FOOT STANDOFF	SINCLAIR TECHNOLOGIE
DSSMKSX	SMKSX	DCPS SMOKE SENSOR, WITH 1.7M SIGNAL CABLE	LAMARCHE MFG CO
DSSMMB1A	SMMB1A	ASSY,KIT,UNIV MTG KIT	CAMBIUM NETWORKS LIM
DSSMMB2A	SMMB2A	ASSY,ASSY,UNIV MTG BRKT-HEAVY DUTY	CAMBIUM NETWORKS LIM
DSSMPL	SMPL	MOUNTS, MT ANTENNA	PCTEL INC
DSSMPL1	SM/PL-1	PRECISION N(M) LOAD, 6.0 GHZ, 42DB	ANRITSU COMPANY
DSSMT1500RMUS	SMT1500RMUS/3034687	UPS, APC SMART-UPS 1500VA LCD RM 2U 120V	CDW DIRECT LLC
DSSMX1500XLRT2U	SMX1500XLRT2U	UPS 1500VA 1000W INTERNATIONAL SMART RACKMOUNT AVR 230V C13	TRIPP LITE MANUFACTU
DSSMX2000RMLV2UNC	SMX2000RMLV2UNC/CDW: 241035	UPS X 2000VA RACK/TOWER LCD UPS WITH NETWORK MANAGEMENT CARD	ANIXTER INC
DSSMX3000RMHV2U	SMX3000RMHV2U/2430692	UPS, APC SMART-UPS X3000 RACK/TOWER LCD AC 230V 2.7KW	CDW DIRECT LLC
DSSMX750	SMX750/1921247	UPS, SMART UPS X 750VA RACK/TOWER LCD	CDW DIRECT LLC
DSSP0000115111	SP0000-1151-11	ANTENNA TRIPLEXER 30-180 MHZ, 330-520 MHZ, 746-960 MHZ	RFI AMERICAS INC
DSSP0000600211	SP0000-6002-11	50 OHM LOAD, DC-1000MHZ, N MALE, .5W	RFI AMERICAS INC
DSSP11KBP191	SP11KBP191	REAR LEXAN COVER FOR PANEL WITH NO RETURN BAR	LAMARCHE MFG CO
DSSP11KBP191	SP11KBP191	19 INCH COVER FOR BREAKER PANEL WITH RETURN BAR	LAMARCHE MFG CO
DSSP1318220611	SP1318-2206-11	HYBRID COUPLER, 6DB 130-180MHZ	RFI AMERICAS INC
DSSP13182440DFF1RU	SP1318-2440-DFF1RU	ANT LINE COUPLER 130-180MHZ 40DB 4-PORTS SUIT APM1317 SERIES 750W 1I	RFI AMERICAS INC
DSSP304CSF2P65DFD2	SP304C-SF2P65LDF(D02)	CIRCULAR POLARIZED UHF PANEL, 12 DBD, 65? BEAMWIDTH, LOW PIM, 450-51	SINCLAIR TECHNOLOGIE
DSSP304VSF1P70LDF	SP304V-SF1P70LDF(D00)	VERTICAL POLARIZED UHF PANEL 11.5DB 70 DEG BW LOW PIM 380-450MHZ	SINCLAIR TECHNOLOGIE
DSSP304VSF2P70LDF	SP304V-SF2P70LDF(D00)	VERTICAL POLARIZED UHF PANEL 12DBD 70 DEG BEAMWIDTH LOW PIM 450-51	SINCLAIR TECHNOLOGIE
DSSP304VSWBP120LDF	SP304VSWBP120LDF(D00)	VERTICAL POLARIZED UHF PANEL 9.5DBD 120DEG BEAMWDTN LOW PIM 380-51	SINCLAIR TECHNOLOGIE
DSSP38554440DFF1RU	SP3855-4440-DFF1RU	ANT LINE COUPLER 380-550MHZ 40DB 4-PORTS SUIT APM3852 SERUES 750W 1I	RFI AMERICAS INC
DSSP4KBPUV5B1A	SP4KBPUV5B1A	BREAKER, 5 AMP BREAKER FOR SPLIT BUS PANEL, DSBPV1948V14R	LAMARCHE MFG CO
DSSP4KCDPD100B1	SP4KCDPD100B1	100 AMP BREAKER FOR TYPE CDPD	LAMARCHE MFG CO
DSSP4KCDPD10B1	SP4KCDPD10B1	10 AMP BREAKER FOR TYPE CDPD	LAMARCHE MFG CO
DSSP4KCDPD125B1	SP4KCDPD125B1	BREAKER, 125A	LAMARCHE MFG CO
DSSP4KCDPD15B1	SP4KCDPD15B1	15 AMP BREAKER FOR TYPE CDPD	LAMARCHE MFG CO
DSSP4KCDPD1B1	SP4KCDPD1B1	BREAKER 1 AMP CDPD	LAMARCHE MFG CO
DSSP4KCDPD20B1	SP4KCDPD20B1	20 AMP BREAKER FOR TYPE CDPD	LAMARCHE MFG CO
DSSP4KCDPD30B1	SP4KCDPD30B1	30 AMP BREAKER FOR TYPE CDPD	LAMARCHE MFG CO
DSSP4KCDPD35B1	SP4KCDPD35B1	35 AMP BREAKER FOR TYPE CDPD	LAMARCHE MFG CO
DSSP4KCDPD50B1	SP4KCDPD50B1	50 AMP BREAKER FOR TYPE CDPD	LAMARCHE MFG CO
DSSP4KCDPD5B1	SP4KCDPD5B1	BREAKER 5 AMP CDPD	LAMARCHE MFG CO
DSSP4KCDPD60B1	SP4KCDPD60B1	60 AMP BREAKER FOR TYPE CDPD	LAMARCHE MFG CO
DSSP4KCDPD70B1	SP4KCDPD70B1	BREAKER, 70 AMP	LAMARCHE MFG CO
DSSP4KCDPD80B1	SP4KCDPD80B1	80 AMP BREAKER FOR TYPE CDPD	LAMARCHE MFG CO
DSSP4KCDPD90B1	SP4KCDPD90B1	90 AMP BREAKER	LAMARCHE MFG CO
DSSP4KHAM02B1A	SP4KHAM02B1A	BREAKER, 2 AMP	LAMARCHE MFG CO
DSSP4KHAM05B1A	SP4KHAM05B1A	BREAKER, 5 AMP	LAMARCHE MFG CO
DSSP4KHAM100B1A	SP4KHAM100B1A	BREAKER, 100 AMP	LAMARCHE MFG CO
DSSP4KHAM10B1A	SP4KHAM10B1A	BREAKER, 10 AMP	LAMARCHE MFG CO
DSSP4KHAM125B1A	SP4KHAM125B1A	125 AMP BREAKER	LAMARCHE MFG CO
DSSP4KHAM150B1A	SP4KHAM150B1A	BREAKER KIT, 150 AMP	LAMARCHE MFG CO
DSSP4KHAM15B1A	SP4KHAM15B1A	BREAKER, 15 AMP	LAMARCHE MFG CO
DSSP4KHAM1B1A	SP4KHAM1B1A	1 AMP CIRCUIT BREAKER	LAMARCHE MFG CO
DSSP4KHAM20B1A	SP4KHAM20B1A	BREAKER, 20 AMP	LAMARCHE MFG CO
DSSP4KHAM2B1A	SP4KHAM2B1A	2A BREAKER	LAMARCHE MFG CO
DSSP4KHAM30B1A	SP4KHAM30B1A	BREAKER, 30 AMP	LAMARCHE MFG CO
DSSP4KHAM40B1A	SP4KHAM40B1A	BREAKER, 40 AMP	LAMARCHE MFG CO
DSSP4KHAM50B1A	SP4KHAM50B1A	BREAKER, 50 AMP	LAMARCHE MFG CO
DSSP4KHAM5B1A	SP4KHAM5B1A	5A CIRCUIT BREAKERS	LAMARCHE MFG CO
DSSP4KHAM60B1A	SP4KHAM60B1A	60A BREAKER FOR A BPK PANEL	LAMARCHE MFG CO
DSSP4KHAM80B1A	SP4KHAM80B1A	80 AMP BREAKER	LAMARCHE MFG CO
DSSP4KLMDC100B1A	SP4KLMDC100B1A	LMDC BREAKER, 100A	LAMARCHE MFG CO
DSSP4KLMDC10B1A	SP4KLMDC10B1A	LMDC BREAKER,10A	LAMARCHE MFG CO
DSSP4KLMDC20B1A	SP4KLMDC20B1A	LMDC BREAKER, 20 AMP	LAMARCHE MFG CO
DSSP4KLMDC25B1A	SP4KLMDC25B1A	LMDC BREAKER, 25A	LAMARCHE MFG CO
DSSP4KLMDC30B1A	SP4KLMDC30B1A	LMDC BREAKER, 30 AMP	LAMARCHE MFG CO
DSSP4KLMDC50B1A	SP4KLMDC50B1A	LMDC BREAKER, 50A	LAMARCHE MFG CO
DSSP4KLMDC5B1A	SP4KLMDC5B1A	LMDC BREAKER, 5A	LAMARCHE MFG CO
DSSP4KLMDC60B1A	SP4KLMDC60B1A	LMDC BREAKER, 60A	LAMARCHE MFG CO
DSSP6927530211	SP6927-5302-11	2 WAY POWER DIVIDER, 698-2700 MHZ, 50 WATTS	RFI AMERICAS INC
DSSP74962430DIN	SP74962430DIN	RF COUPLER 30 DB INCL MOUNTING 746-960 MHZ	RFI AMERICAS INC
DSSP74964440DFF1RU	SP7496-4440-DDF1RU	ANT LINE COUPLER 740-960MHZ 40DB 4-PORTS SUIT APM748 AND APM8796	RFI AMERICAS INC
DSSP7496530211	SP7496-5302-11	TWO WAY SPLITTER, 746-960 MHZ, LOW POWER	RFI AMERICAS INC
DSSPD1100DLD	SPD-1100-DLD	SPD-1100-DLD RACK MOUNTING HIGH POWER RF LOAD 500 WATTS 139-96	DBSPECTRA
DSSPD1220R1	SPD-1220-R1	900 MHZ WINDOW FILTER W CELLULAR NOTCH, 896 - 901 MHZ	DBSPECTRA
DSSPD767	SPD-767	850-870MHZ 500W BRANCH COUPLER W 716 DIN CONNECTOR	DBSPECTRA

DSSPD984	SPD-984	UHF SPECIAL QUAD FILTER TO ACCOMM FREQ 450MHZ,460MHZ,470MHZ AND DBSPECTRA	
DSSPIIBPKR191	SPIIBPKR191	COVER FOR 19 INCH BPK PANELS	LAMARCHE MFG CO
DSSPLITCVR	SPLITCVR	REAR COVER FOR SPLIT BUS BREAKER PANEL	LAMARCHE MFG CO
DSSPM200	SPM-200	REMOTE SITE MONITOR	NEWMAR
DSSPNFMALC	SP-NFM-AL-6	SIX PACK RF SAMPLE PORT FOR COMBINER LMPS	TRANSTECTOR SYSTEMS
DSSR42UB	SR42UB	ENCLOSURE, 42U STANDARD (BLACK) 24 IN. WIDTH 42 IN. DEPTH	TRIPP LITE MANUFACTU
DSSR42UBDP	SR42UBDP	ENCLOSURE, 42U RACK ENCLOSURE SERVER CABINET DEEP 3000LB LOAD CAPA	TRIPP LITE MANUFACTU
DSSRM252	SRM-25-2	2 SWITCHING POWER SUPPLIES ON 1 RACK MOUNT, PANEL, 13.8VDC, 25A	ASTRON CORP
DSSRM30M2	SRM-30M-2	RACK MOUNTED SWITCHING POWER SUPPLY	ASTRON CORP
DSSRSHELF4PHD	SRSHELF4PHD	SMARTRACK HEAVY DUTY FIXED SHELF	TRIPP LITE MANUFACTU
DSSS18	SS-18	POWER SUPPLY, SWITCHING 15 AMP	ASTRON CORP
DSSS18MT	SS-18MT	POWER SUPPLY SS-18MT	ASTRON CORP
DSSS18SMGTX	SS-18SM/GTX	POWER SUPPLY, SWITCHING	ASTRON CORP
DSSS18XPR5	SS-18XPR5	POWER SUPPLY, BASE STATION SWITCHING FOR XPR5500 MOBILE RADIOS 18 I	ASTRON CORP
DSSS18XTL	SS-18XTL	POWER SUPPLY, SS-18XTL	ASTRON CORP
DSSS25CDM	SS-25CDM	POWER SUPPLY	ASTRON CORP
DSSSDTF1012120NA	SSDTF1012-120-NA / 555374	MEDIA CONVERTER, TRANSITION POINT SYSTEM T1/E1-FBR, SM ST, 8KM	ANIXTER INC
DSSSH114	SSH-114	SSH-114 1-1/4" SNAP STAK HANGER 10PK	COMMSCOPE TECHNOLOGI
DSSSH1143	SSH-114-3	SSH1143 1-1/4IN, STACKABLE SNAP-IN HANGERS, 3 STACK, 10 PKG QTY	COMMSCOPE TECHNOLOGI
DSSSH12	SSH-12	SSH-12 1/2" SNAPSTAK HANGER 10PK	COMMSCOPE TECHNOLOGI
DSSSH124	SSH-12-4	SNAPSTAK HANGER 1/2IN CABLE 4-STACK,10EA	COMMSCOPE TECHNOLOGI
DSSSH158	SSH-158	SSH-158 1-5/8" SNAPSTAK HANGER 10PK	COMMSCOPE TECHNOLOGI
DSSSH1583	SSH-158-3	SSH-158-3 SNAPSTAK HANGER 1-5/8" CABLE 3-STACK	COMMSCOPE TECHNOLOGI
DSSSH78	SSH-78	SSH-78 7/8" SNAPSTAK HANGER 10PK	COMMSCOPE TECHNOLOGI
DSSSH784	SSH-78-4	SSH-78-4 SNAPSTAK HANGER 7/8" CABLE 4-STACK	COMMSCOPE TECHNOLOGI
DSST121HDBTU	ST121HDBTU	STARTECH HDMI OVER CAT5 HDBASET EXTENDER 295FT	CDW DIRECT LLC
DSST334	STS3-34	STS3-34, SNAP-IN TOWER STANDOFF ADAPTER 3-4 INCH	COMMSCOPE TECHNOLOGI
DSSU1000RTL2UA	SU1000RTL2UA	UPS, 1000 VA 2U RACK-MOUNT, TRIPP LITE	TRIPP LITE MANUFACTU
DSSU1500XL	SU1500XL	UPS, 1500VA SMART ONLINE TOWER EXTENDED RUN PURESINE 6 OUTLET	TRIPP LITE MANUFACTU
DSSU2200RTL2UA	SU2200RTL2UA	UPS 2200VA 1600W SMART ONLINE RACKMOUNT 110V/120V USB DB9 2URM	TRIPP LITE MANUFACTU
DSSU3000RTL3U	SU3000RTL3U	UPS 3000VA 2400W SMART ONLINE RACKMOUNT 110V / 120V USB DB9 3URM	TRIPP LITE MANUFACTU
DSSURTA2200RMXL2U	2084494 / MFG: SURTA2200RMXL2	UPS, SMART-UPS ON-LINE,1600 WATTS 2200 VA INPUT 120V OUTPUT 120V 2RI	CDW DIRECT LLC
DSSURTD5000RMXLP3U	SURTD5000RMXLP3U	SMART-UPS RT 5000VA, 208V TO 208/120V APC SURTD5000RMXLP3U	ANIXTER INC
DSSURTD6000RMXLP3U	SURTD6000RMXLP3U	SMART-UPS RT 6000VA RM, 208V TO 208/120V APC SURTD6000RMXLP3U	ANIXTER INC
DSSV231HDMIUA	SV231HDMIUA	STARTECH 2 PORT USB HDMI KVM SWITCH	CDW DIRECT LLC
DSSV302HF2SNM	SV302-HF2SNM	CORNER REFLECTOR DIRECTIVE ANTENNA, 9.5 DBD GAIN, HD, 450-512 MHZ	SINCLAIR TECHNOLOGIE
DSSY203SF12SNMC	SY203-SF12SNM(C)	VHF YAGI DIRECTIONAL, 5.5 DBD GAIN, CENTER MOUNT, 149-156 MHZ BW	SINCLAIR TECHNOLOGIE
DSSY203SF3SNME	SY203SF3SNME	ANTENNA, 148-154 MHZ, NM END MOUNT	SINCLAIR TECHNOLOGIE
DSSY203SF4SNME	SY203SF4SNME	YAGI DIRECTIONAL ANTENNA, 5.5 DBD GAIN, 152-159 MHZ, END MOUNT	SINCLAIR TECHNOLOGIE
DSSY203SF5SNMC	SY203-SF5SNM(C)	YAGI DIRECTIONAL, 5.5 DBD, CENTER MOUNT, BLACK ANODIZED, 157-164 MHZ	SINCLAIR TECHNOLOGIE
DSSY203SF5SNMCABK	SY203-SF5SNM(C-ABK)	YAGI DIRECTIONAL, 5.5 DBD, CENTER MOUNT, BLACK ANODIZED, 157-164 MHZ	SINCLAIR TECHNOLOGIE
DSSY203SF5SNMEABK	SY203-SF5SNM(E-ABK)	YAGI DIRECTIONAL, 5.5 DBD, END MONT , BLACK ANODIZED, 157-164 MHZ	SINCLAIR TECHNOLOGIE
DSSY2062SF2SNME	SY2062-SF2SNM(E)	YAGI DIRECTIONAL, DUAL ARRAY, 12 DBD, 152-159 MHZ, EXT BOOM	SINCLAIR TECHNOLOGIE
DSSY206SF2SNME	SY206-SF2SNM(E)	YAGI 152-159 MHZ, 9.5 DBD GAIN, EXTENDED BOOM	SINCLAIR TECHNOLOGIE
DSSY250HF2SNMU	SY250-HF2SNM(U)	YAGI DIRECTIONAL ANTENNA 8 DBD GAIN BROADBAND 138-174 MHZ	SINCLAIR TECHNOLOGIE
DSSY250SF2SDFE	SY250-SF2SDF(E)	YAGI DIRECTIONAL, EXTEND BOOM FOR END MOUNT, 7 DBD, 138-174 MHZ, DI	SINCLAIR TECHNOLOGIE
DSSY250SF2SNMC	SY250-SF2SNM(C)	YAGI DIRECTIONAL ANTENNA, 7 DBD GAIN, BROAD BAND, 138-174MHZ CENTE	SINCLAIR TECHNOLOGIE
DSSY250SF2SNME	SY250-SF2SNM(E)	YAGI DIRECTIONAL ANTENNA, 7 DBD GAIN, EXTENDED BOOM, 138-174 MHZ	SINCLAIR TECHNOLOGIE
DSSY303SF1SNMABK	SY303-SF1SNM(ABK)	YAGI DIRECTIONAL ANTENNA, 6 DBD, 403-430 MHZ, BLK ANODIZED N-M	SINCLAIR TECHNOLOGIE
DSSY303SF2SNF	SY303-SF2SNF	YAGI DIRECTIONAL 6.5 DBD GAIN, 450-475 MHZ, CLEAR CHROMATE CONVERSI	SINCLAIR TECHNOLOGIE
DSSY3074SF8SNM	SY3074-SF8SNM	YAGI DIRECTIONAL ARRAY, 15 DBD, BLACK ANODIZED, QUAD, 380-400 MHZ	SINCLAIR TECHNOLOGIE
DSSY3075F1SNM	SY307-SF1SNM	YAGI DIRECTIONAL ANTENNA, 10 DBD GAIN, BLACK ANODIZED, 403-430 MHZ	SINCLAIR TECHNOLOGIE
DSSY3075F2SNMABK	SY307-SF2SNM(ABK)	YAGI DIRECTIONAL, 10 DBD, BLACK ANODIZED, 430-450 MHZ	SINCLAIR TECHNOLOGIE
DSSY3075F3SNMABK	SY307-SF3SNM(ABK)	YAGI DIR ANTENNA BLACK ANODIZED 10 DBD 450-470 MHZ	SINCLAIR TECHNOLOGIE
DSSY3075F8SNMABK	SY307-SF8SNM(ABK)	YAGI DIRECTIONAL, 10 DBD, BLACK ANODIZED, 380-400 MHZ	SINCLAIR TECHNOLOGIE
DSSY350SFXSNF	SY350-SFXSNF	YAGI DIRECTIONAL ANTENNA, 7 DBD GAIN, BROAD BAND, 406-512 MHZ NF	SINCLAIR TECHNOLOGIE
DSSY350SFXSNM	SY350-SFXSNM	YAGI DIRECTIONAL ANT, 7 DBD GAIN BROADBAND 406-512 MHZ	SINCLAIR TECHNOLOGIE
DSSY406RHF3SNM	SY406R-HF3SNM	YAGI DIRECTIONAL, 10 DBD, RADOME, HD, 895-960 MHZ	SINCLAIR TECHNOLOGIE
DSSY406SF1SNFABK	SY406-SF1SNF(ABK)	YAGI DIRECTIONAL 10DBD, BLACK ANODIZED, 806-870MHZ, N FEMALE CONNE	SINCLAIR TECHNOLOGIE
DSSY406SF7SNF	SY406-SF7SNF(ABK)	YAGI DIRECTIONAL, 10 DBD, BLACK ANODIZED, 746-806 MHZ	SINCLAIR TECHNOLOGIE
DSSY407SF2SNMABK	SY407-SF2SNM(ABK)	YAGI DIRECTIONAL ANTENNA, 10 DBD GAIN, BLACK ANODIZED, 746-869	SINCLAIR TECHNOLOGIE
DSSY450RHF1SNM	SY450R-HF1SNM	YAGI DIRECTIONAL ANTENNA, 6.5 DBD GAIN, 746-896 MHZ, HEAVY DUTY	SINCLAIR TECHNOLOGIE
DSSY450SF1SNM	SY450-SF1SNM	YAGI DIRECTIONAL ANTENNA, 6.5 DBD GAIN, 746-896 MHZ	SINCLAIR TECHNOLOGIE
DSSY450SF2SNM	SY450-SF2SNM	YAGI DIRECTIONAL, 6.5 DBD, 806-960 MHZ	SINCLAIR TECHNOLOGIE
DSSY459SF1SNM	SY459-SF1SNM(ABK)	BROADBAND YAGI, 10 DBD, ABK, 698-806 MHZ	SINCLAIR TECHNOLOGIE
DSTA798201001000	TA7982-0100-10-00	TTA01, FULLY REDUNDANT AMP, 796-824 MHZ (TTA ONLY)	RFI AMERICAS INC
DSTA798203001000	TA7982-0300-10-00	TTA03, SINGLE HIGH GAIN AMP, 796-824 MHZ (TTA ONLY)	RFI AMERICAS INC
DSTAKRAK1	TAKRAK1	RACK 7 IN CAV VHF 42X32X30 INCHES	SINCLAIR TECHNOLOGIE
DSTBP74	TBP74	ION-B BLANK PANEL 4HE X 7TE	COMMSCOPE TECHNOLOGI
DSTCMNFN15	TC-MNFN-1.5	TEST CABLE N(M)-N(F) 1.5M ARMORED PHASE STABLE DC-6000MHZ	BIRD ELECTRONIC CORP
DSTCMNMN15	TC-MNMN-1.5	TEST CABLE N(M)-N(M),1.5M ARMORED PHASE STABLE DC-6000MHZ	BIRD ELECTRONIC CORP

DSTCMN30	TC-MN30-3.0	SH-3625 SIGNAL HAWK TEST CABLE M/M-N, 3.0 M	BIRD ELECTRONIC CORP
DSTCS122425	TCS-12/24-25	CABLE, PT/PM TEMP. SENSOR - 25 FT CABLE	NEWMAR
DSTCS122440	TCS-12/24-40	CABLE, PT/PM TEMP. SENSOR - 40 FT CABLE	NEWMAR
DSTCSHWR	TCS-HWR	SURGE PROTECTOR, HARDWIRED, TVSS SAD, TWO STAGE 120V EDCO TCS-HW :	EMERSON NETWORK POWE
DSTEL12125	TEL12125	BATTERY, 12 V, C & D TEL 12-125	ELTEK INC
DSTEL1245	TEL1245	BATTERY, 12V 45AH	ELTEK INC
DSTEL1270	TEL1270	BATTERY, 12V 70AH	ELTEK INC
DSTFAH708014	TFAH70/80-14	ION -B LMR700/LMR800, VAC,SC-APC,N-F,R2E	COMMSCOPE TECHNOLOGI
DSTFAHES708017	TFAH-E570/80-17	ION B HIGH POWER REMOTE UNIT FOR LMR 700 - 800 BAND HI PWR	COMMSCOPE TECHNOLOGI
DSTFAHUS7B10014	TFAH-US7B/100-14	CELLULAR, LMR, AWS AND PCS 1900 HI PWR REMOTE, AC	COMMSCOPE TECHNOLOGI
DSTFAN5014	TFAN50-14	450MHZ ION B UHF REMOTE	COMMSCOPE TECHNOLOGI
DSTFLN25044	TFLN2504/4	ION B MASTER OPT. TRX, 700-2700 MHZ, SC-APC	COMMSCOPE TECHNOLOGI
DSTFLN40044	TFLN4004/4	ION B MASTER OPT. TRX, 400 MHZ, SC-APC	COMMSCOPE TECHNOLOGI
DSTGBIA14448P	TGBIA14448P	GROUND BAR,1/4X4X48 TIN GRD BAR W/ ANGLE	HARGER INC
DSTLA4100	TLA4100	698-5800MHZ, 5.0DBI, GROUND IND. TRANSIT ANTENNA - PLASTIC FIN RADOM	RFI AMERICAS INC
DSTLA4200	TLA4200	698-5800MHZ, 5.0DBI, GROUND IND. TRANSIT ANT, PLASTIC FIN RADOME, GPS	RFI AMERICAS INC
DSTLCN2W	TLCN2-W	ION-B WIDEBAND TWO-WAY SPLITTER/COMBINER, 380-2700 MHZ	COMMSCOPE TECHNOLOGI
DSTLCN4W	TLCN4-W	ION B4 WAY, 350-2700 MHZ, SMA-F	COMMSCOPE TECHNOLOGI
DSTLCN8W	TLCN8-W	ION B 8 WAY COMBINER, 350-2700 MHZ	COMMSCOPE TECHNOLOGI
DSTLM615NC20	TLM615NC20	POWER STRIP, 6 OUTLET, 15 FT CORD, 20 AMP, METAL RECEPTACLE	TRIPP LITE MANUFACTU
DSTLM615NCRA	TLM615NCRA	POWER STRIP, 6 OUTLET, 15 FT CORD, TURNED 90 DEGREES	TRIPP LITE MANUFACTU
DSTM8	TM8	TRUNK LID MOUNT, RG58A/U, NO CONNECTOR	LAIRD TECHNOLOGIES
DSTOSLNF50A8	TOSLNF50A-8	COAXIAL CALIBRATION KIT, TYPE N(F), DC TO 8 GHZ, 50 OHM	ANRITSU COMPANY
DSTPG23872	TP-G238-72	TP-G238-72, UNIV. TRIPOD MOUNT W/ 72" X 2-3/8" P	COMMSCOPE TECHNOLOGI
DSTPL	TPL	TRUNK LID MOUNT, RG58/U, MINI UHF	PCTEL INC
DSTPL600	TPL600	FUSE, TPL STYLE, 600AMP	ELTEK INC
DSTPL800	TPL800	FUSE, TPL STYLE, 800AMP	ELTEK INC
DSTPM230BRK1	TPM230BRK1	DC POWER SYSTEM, 48V 60ADC COMPACT, TO BE MTD IN EXISTING 19IN RACK	LAMARCHE MFG CO
DSTPOI851719E	TPOI85/17/19E	ION-B CELL 850/AWS/PCS EXT ACTIVE INTERFACE	COMMSCOPE TECHNOLOGI
DSTPOIP708092	TPOI-P70/80/92	ION-B LMR 700/LMR800/LMR900 PASSIVE INTERFACE	COMMSCOPE TECHNOLOGI
DSTPRN34	TPRN34	ION BRITCELL - NEG SUPPLY -72 TO -36 VDC - 12 SLOTS (1HE X 7TE)-MIN 2	COMMSCOPE TECHNOLOGI
DSTPRN64	TPRN64	ION-B SUBRACK,+12VDC,ACTIVE BP,19INCH X 4HE	COMMSCOPE TECHNOLOGI
DSTR7571059102	TR7571059102	FUSE PANEL, GMT 10/10 POSITION, -/+12/24VDC 1U, TRIMM	WELDY LAMONT GROUP I
DSTRAB4703	TRAB4703	470-490 PHANTOM ANTENNA, BLACK	LAIRD TECHNOLOGIES
DSTRBODEMO3	TRBO-DEMO-3	2016 DEMO KIT CASE	DBSPECTRA
DSTRNM1W	TRM-NM-1W	TRM-NM-1W, TERMINATION N-MALE, 1 WATT	TRILEGY COMMUNICATIO
DSTRSN131	TRSN13-1	ION-B SERIES CENTRALPWR SUPPLY 13 OUT - 85:264 VAC / -48 VDC - (MIN 5)	COMMSCOPE TECHNOLOGI
DSTRSPM1	TRSPM-1	ION-B SERIES CENTRALPWR SUPPLY MOD 600W- 85:264 VAC / -48 VDC	COMMSCOPE TECHNOLOGI
DSTSJ100BT	1101-620	RECOMMENDED REPLACEMENT FOR ETHERNET SURGE PROTECTION IS DS1101	TRANSTECTOR SYSTEMS
DSTSJ48CLT	1101-300-1	SPD, RJ-45 OR HARDWIRE CONNECTED FOR T1/E1, PROTECTS 4 WIRES	TRANSTECTOR SYSTEMS
DSTSJ48CLTGT	1101-300-2	PRIMARY ANS SECONDARY TELCO LINE PROTECTION	TRANSTECTOR SYSTEMS
DSTSJADP	1101-747	RACK MOUNT GROUND BAR, 19 IN FOR TSJ AND WPH SERIES DATA SPD	TRANSTECTOR SYSTEMS
DSTSJX6	1101-772-A	SIX POSITION RJ 45 IN/OUT MODULE, 18V PK, PROTECTS PINS 1-2, 4-5	TRANSTECTOR SYSTEMS
DSTSUN4	TSUN4/LNX	ION-B PLUG IN SUPERVISION UNIT	COMMSCOPE TECHNOLOGI
DSTSDXDFM	POLYPHASER TSXDC-DFM	RF SPD, 698 MHZ-2.7 GHZ, 60VDC PASS, DIN, MALE/FEM PIM/PIP RATED, ASIG	TRANSTECTOR SYSTEMS
DSTSDXDFBF	POLYPHASER TSX-DFF-BF	RF SPD, 698-2700MHZ DC BLOCK HI PWR, DIN FEM/FEM BI-DIR W/ BRACKET	TRANSTECTOR SYSTEMS
DSTSDXDFMBF	POLYPHASER TSX-DFM-BF	RF SPD, 698-2700MHZ DC BLOCK HIGH PWR, DIN FEM/MALE BI-DIR W/ BRACKI	TRANSTECTOR SYSTEMS
DSTSDXNFFPBF	POLYPHASER TSX-NFF-P + BF	RF SPD, 698-2700MHZ DC BLOCK HIGH PWR, N FEM/FEMALE BIDIRECTIONAL V	TRANSTECTOR SYSTEMS
DSTSDXNFMF	POLYPHASER TSX-NFM-P + BFN	RF SPD, 698-2700MHZ DC BLOCK HIGH PWR, NF/MALE BIDIRECTIONAL PIM W/	TRANSTECTOR SYSTEMS
DSTT05326AA	R8-3Y / R8-5Y	DELTA PRICING FOR CHANGING 3 YR SERVICE PLAN TO 5 YRS	FREEDOM COMMUNICATIO
DSTT05348AA	390XOPT206	P25 CONTROL CHANNEL LOGGER / 390XOPT206 / R2081A	AEROFLEX WICHITA INC
DSTT05350AA	390XOPT209	KVL KEYLOADER / 390XOPT209 / R2084A	AEROFLEX WICHITA INC
DSTT05353AA	390XOPT213	UNIT TO UNIT CALL/ 390XOPT213	AEROFLEX WICHITA INC
DSTT05362AA	390XOPT260	P25 PERFORMANCE TEST TRIGGERS / 390XOPT260	AEROFLEX WICHITA INC
DSTT05371AA	390XOPT600	XTS-5000 AUTOTEST AND ALIGNMENT / 390XOPT600 / R2131A	AEROFLEX WICHITA INC
DSTT05372AA	390XOPT601	XTS-3000 AUTOTEST AND ALIGNMENT / 390XOPT601 / R2132A	AEROFLEX WICHITA INC
DSTT05373AA	390XOPT602	XTL-2500, XTL-5000 POWER ALIGNMENT FOR AUTOTEST II / 390XOPT602	AEROFLEX WICHITA INC
DSTT4W24MCF1	TT4W24MCF1	MOD 4 WIRE JACK FIELD	SWITCHCRAFT INC
DSTT6W48MCF1	TT6W48MCF1	TTJAX .173 CONNECTORIZED 6-WIRE JACKFIELD, 48 CIRCUITS, HINGED FRONT	SWITCHCRAFT INC
DSTUSXDFF	POLYPHASER TUSX-DFF	RF SPD, 300-1200MHZ DC BLOCK HIGH PWR, DIN FEMALE/FEMALE BI-DIRECTIC	TRANSTECTOR SYSTEMS
DSTUSXDFFM	POLYPHASER TUSX-DFM	RF SPD, 300-1200MHZ DC BLOCK HIGH PWR, DIN MALE/FEMALE BI-DIRECTION.	TRANSTECTOR SYSTEMS
DSTUSXNFFBFN	POLYPHASER TUSX-NFF + BFN	DC BLOCK HIGH POWER, 300 TO 1200MHZ N FEMALE ANT W/ BFN	TRANSTECTOR SYSTEMS
DSTUSXNFM	POLYPHASER TUSX-NFM	DC BLOCK HIGH POWER, 300 TO 1400MHZ N MALE ANT	TRANSTECTOR SYSTEMS
DSU219000R	U219-000-R	USB TO PS/2 ADAPTER USB A MALE 2X MINI-DIN6 FEMAIL PLUG AND PLAY	TRIPP LITE MANUFACTU
DSU225004R	U225-004-R	4 PORT DESKTOP USB 2.0 USB 1.1 HUB 480MBPS 4 FT USB 2.0 HUB CABLE	TRIPP LITE MANUFACTU
DSU2MS	U2MS	MID ATLANTIC 2U, 3 - 1/2 IN MID MOUNT BATTERY RACKSHELF	ANIXTER INC
DSUA3	UA-3	UA-3 UNIVERSAL ANGLE ADAPTOR KIT, KIT OF TEN	COMMSCOPE TECHNOLOGI
DSUBC61811410	UBC61811/410	UNIT BONDING CONDUCTOR 18 JUMPER	HARGER INC
DSUBC62411410	UBC62411/410	UNIT BONDING CONDUCTOR 24 JUMPER ONE ? INCH TERMINAL, ONE #10 TER	HARGER INC
DSUC1	UC-1	ANTENNA CLAMPS, KIT OF 1 FOR .75 IN TO 3.0 IN OD	RFI AMERICAS INC
DSUC114	UC-114	ANTENNA CLAMP 60 TO 115MM	RFI AMERICAS INC

DSUC1142	UC1142	PIPE TO PIPE CLAMP, 1.5" TO 5" PIPE, SET OF 2 CLAMPS	RFI AMERICAS INC
DSUC1143	UC1143	PIPE TO PIPE CLAMP, 1.5" TO 5" PIPE, SET OF 3 CLAMPS	RFI AMERICAS INC
DSUC12	UC12	ANTENNA CLAMPS, KIT OF 2 FOR .75 IN TO 3.0 IN OD	RFI AMERICAS INC
DSUC13	UC13	ANT CLAMPS, KIT OF 3 FOR .75 IN TO 3.0 IN OD FOR ANT LONGER THAN 15 FT	RFI AMERICAS INC
DSUCR1	UCR-1	ANTENNA CLAMP, RIGHT ANGLE MOUNT, .75 INCH - 3.0 INCH, GALVANIZED	RFI AMERICAS INC
DSUCR2	UCR-2	ANTENNA CLAMP KIT RIGHT ANGLE MOUNT .75 INCH - 3.0 INCH, GALVANIZED	RFI AMERICAS INC
DSUFP5	UFP-5	FUSE PANEL, UNITY GMT FUSE PANEL	NEWMAR
DSUG1215815B4T	UG12158-15B4-T	UG12158-15B4-T, UNVRSL GRD KIT 1/2"-1 5/8 W/2HOLE	COMMSCOPE TECHNOLOGI
DSUGBADIN36	UGBADIN36	GROUND BAR ASSEMBLY UNIVERSAL	COMMSCOPE TECHNOLOGI
DSUGBKIT0210	UGBKIT-0210	UGBKIT-0210 UNIVERSAL GROUND BAR 2 X 10" W/HRDWR	COMMSCOPE TECHNOLOGI
DSUGBKIT2	UGBKIT-2	UGBKIT-2 GROUND BAR 1/4 X 2 1/2 X 12 1/2	COMMSCOPE TECHNOLOGI
DSUGF10	UGF-10	FUSE GMT 10 AMP	NEWMAR
DSUGF3	UGF-3	FUSE GMT 3 AMP	NEWMAR
DSUGF5	UGF-5	FUSE GMT 5 AMP	NEWMAR
DSUGF75	UGF-7.5	FUSE GMT 7.5 AMP	NEWMAR
DSL800CB15	UL800CB-15	POWER STRIP, 120V 5-15R 10 OUTLET METAL 15 FT CORD 5-15P WABER	TRIPP LITE MANUFACTU
DSLML100	ULM-100	MONITOR, UNITY LOW VOLTAGE MONITOR	NEWMAR
DSUNITKIT2CC	UNI-KIT-2CC	1/4 INCH TO 2-1/8 INCH RF CABLE GROUNDING KIT	TRANSTECTOR SYSTEMS
DSUNV	UNV	LIGHT DUTY RIGHT ANGLE ANTENNA CLAMP, GALVANIZED	RFI AMERICAS INC
DSUR483	UR48-3	UNITY RECTIFIER	NEWMAR
DSURS	URS	UNITY RECTIFIER SHELF	NEWMAR
DSUSB2HAB3	USB2HAB3	STARTECH 3FT USB 2.0 CERTIFIED A TO B CABLE	CDW DIRECT LLC
DSUSB2HAB6	USB2HAB6	STARTECH 6FT USB 2.0 A TO B CABLE	CDW DIRECT LLC
DSUT3302	UT3302	ETHERNET TUNNEL ENCRYPTED UT3302	ANIXTER INC
DSUT6602	UT6602	ETHERNET TUNNEL ENCRYPTED UT6602	ANIXTER INC
DSV1000BVC	V1000B-VC	RECTIFIER, 24V, 40A W/CLEI, 1120W, 40A OUTPUT FAN COOLED	ELTEK INC
DSV1500BVC	V1500B-VC	RECTIFIER 24V, 60A OUTPUT	ELTEK INC
DSV2500AVC	V2500A-VC	RECTIFIER, 48V, 50A	ELTEK INC
DSVBLANKVC	VBLANK-VC	BLANK V-SERIES RECTIFIER CHASSIS	ELTEK INC
DSVHF50DMPGR	VHF50D-MA-PGR	RF SPD, 100-512MHZ, DC BLOCK HIGH POWER DIN MALE ANT, DIN FEMALE EQ	TRANSTECTOR SYSTEMS
DSVHF50DPGR	VHF50D-PGR	SPD, 100 TO 512MHZ, DIN FEMALE/FEMALE CONNECTOR, PIM RATED	TRANSTECTOR SYSTEMS
DSVHF50HN	POLYPHASER VHF50HN	SPD, SINGLE TRANSMITTER ONLY, 750W RF, 100-512MHZ DC BLOCK NFF	TRANSTECTOR SYSTEMS
DSVHF50HNMA	POLYPHASER VHF50HN-MA	COMBINER/HIGH POWER FILTER (VHF50HNMA)	TRANSTECTOR SYSTEMS
DSVPR30	1101-726	CONSOLE OVERVOLTAGE DEVICE	TRANSTECTOR SYSTEMS
DSVPR3MCC	1101-748	PROTECTION MODULE, OPERATOR STATIC EME PROTECTOR W/ DB15 MF CON	TRANSTECTOR SYSTEMS
DSVS35M	VS-35M	POWER SUPPLY W/ VOLT AND AMP METER	ASTRON CORP
DSVSTRUTP3KIT	VSTRUT-P3KIT	VSTRUT-P3KIT INBOARD SDE STRUT KT FOR 4FT AND 6FT MWAVE AND VALUML	COMMSCOPE TECHNOLOGI
DSVUF50NHPMA	POLYPHASER VUF50NHP-MA	RF SPD, DC BLOCK .5HZ TO 1000HZ HIGH POWER, NMNF FOR AM/FM APPLIC	TRANSTECTOR SYSTEMS
DSW3500203	W3500/203	EXTENDED STANDARD WARRANTY 36 MONTHS	AEROFLEX WICHITA INC
DSW3500203C	W3500/203C	EXTENDED STANDARD WARRANTY 36 MONTHS WITH SCHED CALIBRATION	AEROFLEX WICHITA INC
DSW3500205	W3500/205	EXTENDED STANDARD WARRANTY 60 MONTHS	AEROFLEX WICHITA INC
DSW3500205C	W3500/205C	EXTENDED STANDARD WARRANTY 60 MONTHS WITH SCHED CALIBRATION	AEROFLEX WICHITA INC
DSW8800203	W8800/203	EXTENDED STANDARD WARRANTY 36 MONTHS	AEROFLEX WICHITA INC
DSW8800203C	W8800/203C	EXTENDED STANDARD WARRANTY 36 MONTHS WITH CALIBRATION	AEROFLEX WICHITA INC
DSW8800205	W8800/205	EXTENDED STANDARD WARRANTY 60 MONTHS	AEROFLEX WICHITA INC
DSW8800205C	W8800/205C	EXTENDED STANDARD WARRANTY 60 MONTHS WITH CALIBRATION	AEROFLEX WICHITA INC
DSWB1811B	WB1811B	PTP SER EMC CABLE GLAND (GROUNDING)	CAMBIUM NETWORKS LIM
DSWB1812	WB1812	GROUNDING LUG KIT	CAMBIUM NETWORKS LIM
DSWB2289A	WB2289A	PTP SER EMC CABLE GLAND (GROUNDING)	CAMBIUM NETWORKS LIM
DSWB2312H	WB2312H	PTP600 SERIES MULTI-MODE OPTICAL CONVERSION KIT (PER END)	CAMBIUM NETWORKS LIM
DSWB2402A	WB2402A	PTP 300/500/600 SERIES AES LICENCE KEY 128BIT - END ONLY	CAMBIUM NETWORKS LIM
DSWB2511A	WB2511A	PTP 300/500/600 SERIES AES LICENCE KEY 256BIT - LINK	CAMBIUM NETWORKS LIM
DSWB2519A	WB2519A	PTP 300/500/600 SERIES AES LICENCE KEY 128BIT - LINK	CAMBIUM NETWORKS LIM
DSWB2607A	WB2607A	PTP 300/500/600 SERIES AES LICENCE KEY 256BIT - END ONLY	CAMBIUM NETWORKS LIM
DSWB2907H	WB2907H	LPU END KIT PTP 600 (2 KITS REQUIRED PER LINK)	CAMBIUM NETWORKS LIM
DSWB2978H	WB2978H	LPU END KIT PTP 250/300/500 (2 KITS REQUIRED PER LINK)	CAMBIUM NETWORKS LIM
DSWB3025H	WB3025H	PTP300/500/600 PIDU WITH US LEAD	CAMBIUM NETWORKS LIM
DSWB3127	WB3127	PTP 500 SERIES LITE TO FULL UPGRADE KEY - LINK	CAMBIUM NETWORKS LIM
DSWB3175A	WB3175A	1000 FT REEL OUTDOOR COPPER CLAD CAT5E	CAMBIUM NETWORKS LIM
DSWB3176A	WB3176A	328 FT (100 M) REEL OUTDOOR COPPER CLAD CAT5E	CAMBIUM NETWORKS LIM
DSWB3177B	WB3177B	TYCO/AMP, MOD PLUG RJ45 UNSCREENED, 100 PK	CAMBIUM NETWORKS LIM
DSWB3211A	WB3211A	TYCO/AMP CRIMP TOOL	CAMBIUM NETWORKS LIM
DSWB3262	WB3262	PTP 49600 SOFTWARE KEY 5 - 10 MHZ LINK	CAMBIUM NETWORKS LIM
DSWB3263	WB3263	PTP 49600 SOFTWARE KEY X -20 MHZ LINK	CAMBIUM NETWORKS LIM
DSWB3267	WB3267	PTP 49600 SOFTWARE KEY 5 - 10 MHZ END ONLY	CAMBIUM NETWORKS LIM
DSWB3268	WB3268	PTP 49600 SOFTWARE KEY X -20 MHZ END ONLY	CAMBIUM NETWORKS LIM
DSWB3379HH	WB3379HH	PTP 48600 FULL CONNECTORISED - LINK COMPLETE	CAMBIUM NETWORKS LIM
DSWB3380HH	WB3380HH	PTP 48600 LITE INTEGRATED LINK COMPLETE	CAMBIUM NETWORKS LIM
DSWB3381HH	WB3381HH	PTP 48600 LITE CONNECTORIZED LINK COMPLETE	CAMBIUM NETWORKS LIM
DSWB3382HH	WB3382HH	PTP 48600 FULL INTEGRATED - END COMPLETE	CAMBIUM NETWORKS LIM
DSWB3383HH	WB3383HH	PTP 48600 FULL CONNECTORISED - END COMPLETE	CAMBIUM NETWORKS LIM

DSWB3384HH	WB3384HH	PTP 48600 LITE INTEGRATED - END UNIT	CAMBIUM NETWORKS LIM
DSWB3385HH	WB3385HH	PTP 48600 LITE CONNECTORIZED - END UNIT	CAMBIUM NETWORKS LIM
DSWB3409	WB3409	PTP600 SERIES FIPS UPGRADE - LINK	CAMBIUM NETWORKS LIM
DSWB3412	WB3412	PTP600 SERIES FIPS INCLUDING 128BIT AES - END ONLY	CAMBIUM NETWORKS LIM
DSWB3413	WB3413	PTP600 SERIES FIPS INCLUDING 256BIT AES - LINK	CAMBIUM NETWORKS LIM
DSWB3414	WB3414	PTP600 SERIES FIPS 140-2 INCLUDING 256BIT AES - END ONLY	CAMBIUM NETWORKS LIM
DSWB3480HH	WB3480HH	PTP800 MODEM CAPACITY CAP - 100 MBPS (PER UNIT)	CAMBIUM NETWORKS LIM
DSWB3486H	WB3486H	PTP 800 CMU / PTP-SYNC 19INCH RACK MOUNT INSTALLATION KIT	CAMBIUM NETWORKS LIM
DSWB3538	WB3538	PTP800 MODEM CAPACITY CAP - 20 MBPS (PER UNIT)	CAMBIUM NETWORKS LIM
DSWB3539	WB3539	PTP800 MODEM CAPACITY CAP - 30 MBPS (PER UNIT)	CAMBIUM NETWORKS LIM
DSWB3541	WB3541	PTP800 MODEM CAPACITY CAP - 50 MBPS (PER UNIT)	CAMBIUM NETWORKS LIM
DSWB3542	WB3542	PTP800 MODEM CAPACITY CAP - 100 MBPS (PER UNIT)	CAMBIUM NETWORKS LIM
DSWB3543	WB3543	PTP800 MODEM CAPACITY CAP - 150 MBPS (PER UNIT)	CAMBIUM NETWORKS LIM
DSWB3544	WB3544	PTP800 MODEM CAPACITY CAP - 200 MBPS (PER UNIT)	CAMBIUM NETWORKS LIM
DSWB3545	WB3545	PTP800 MODEM CAPACITY CAP - 300MBPS (PER UNIT)	CAMBIUM NETWORKS LIM
DSWB3546	WB3546	PTP800 MODEM CAPACITY CAP - FULL CAPACITY (PER UNIT)	CAMBIUM NETWORKS LIM
DSWB3547	WB3547	PTP800 MODEM CAPACITY CAP UPGRADE FROM 20 -30 MBPS KEY (PER UNIT)	CAMBIUM NETWORKS LIM
DSWB3548	WB3548	PTP800 MODEM CAPACITY CAP UPGRADE FROM 30-40 MBPS KEY (PER UNIT)	CAMBIUM NETWORKS LIM
DSWB3550	WB3550	PTP800 MODEM CAPACITY CAP UPGRADE FROM 50-100 MBPS KEY (PER UNIT)	CAMBIUM NETWORKS LIM
DSWB3555	WB3555	PTP 800 SERIES AES LICENCE KEY 128BIT - END ONLY	CAMBIUM NETWORKS LIM
DSWB3556	WB3556	PTP 800 SERIES AES LICENCE KEY 256BIT - END ONLY	CAMBIUM NETWORKS LIM
DSWB3584	WB3584	PTP 300 SERIES TO PTP500 LITE UPGRADE KEY - LINK	CAMBIUM NETWORKS LIM
DSWB3585	WB3585	PTP 300 SERIES TO PTP500 FULL UPGRADE KEY - LINK	CAMBIUM NETWORKS LIM
DSWB3607	WB3607	PTP 600 SERIES GROUP ACCESS UPGRADE KEY - LINK	CAMBIUM NETWORKS LIM
DSWB3608	WB3608	PTP 600 SERIES GROUP ACCESS UPGRADE KEY - END	CAMBIUM NETWORKS LIM
DSWB3611A	WB3611H	DUAL POLE 4.5 GHZ , 4X GROUP ACCESS KEYS	CAMBIUM NETWORKS LIM
DSWB3616A	WB3616H	COAXIAL CABLE INSTALLATION ASSEMBLY KITS (W/O SURGE ARRESTOR)	CAMBIUM NETWORKS LIM
DSWB3618A	WB3618A	MAINS LEAD- US 3PIN TO C5 (PTP800 AC-DC PSU)	CAMBIUM NETWORKS LIM
DSWB3620A	WB3620A	MAINS LEAD- EU WITH DUAL EARTH TO C5 (PTP800 AC-DC PSU)	CAMBIUM NETWORKS LIM
DSWB3622A	WB3622A	AC-DC POWER SUPPLY CONVERTOR (NO LEAD CABLE INCLUDED)	CAMBIUM NETWORKS LIM
DSWB3657A	WB3657A	LPU END KIT PTP800 (1 KIT REQUIRED PER COAXIAL CABLE)	CAMBIUM NETWORKS LIM
DSWB3659	WB3659	FCC M/W FREQ COORDINATION SERVICE	CAMBIUM NETWORKS LIM
DSWB3665HH	WB3665HH	PTP-SYNC, COMPLETE PACKED UNIT	CAMBIUM NETWORKS LIM
DSWB3806H	WB3806H	1+1 OPTICAL-Y SPLITTER KIT PER END (INC SFP MODULES - 850NM)	CAMBIUM NETWORKS LIM
DSWB3881	WB3881	PTP 300 SERIES TO PTP500 FULL UPGRADE KEY - END	CAMBIUM NETWORKS LIM
DSWB3961H	WB3961H	PTP-SYNC TRIMBLE ADAPTER CABLE	CAMBIUM NETWORKS LIM
DSWB4113	WB4113	FCC M/W FREQ PROTECTION SERVICE - 5 ADDITIONAL YR	CAMBIUM NETWORKS LIM
DSWB4114	WB4114	FCC M/W FREQ PROTECTION SERVICE - 10 ADDITIONAL YR	CAMBIUM NETWORKS LIM
DSWB4141HH	WB4141HH	TRIMBLE ACUTIME GPS / ADAPTER CABLE KIT	CAMBIUM NETWORKS LIM
DSWB4149	WB4149	PTP600 SERIES UC-APL INCLUDING 256BIT AES AND FIPS - LINK	CAMBIUM NETWORKS LIM
DSWBBS	WB-B5	BASE SHOE FOR WAVEGUIDE BRIDGE KITS	COMMSCOPE TECHNOLOGI
DSWBBCY110	WB-CY110	SAFETY GRATED WAVEGUIDE BRIDGE CHANNEL, 12 IN X 10 FT	COMMSCOPE TECHNOLOGI
DSWBK0510B	WB-K0510-B	5IN X 10FT SAFTEY GRATED WAVEGUIDE BRIDGE KIT, BURIAL	COMMSCOPE TECHNOLOGI
DSWBK110B	WB-K110-B	WAVEGUIDE BRIDGEKIT 12IN WIDE,3RUNG BP	COMMSCOPE TECHNOLOGI
DSWBK210B	WB-K210-B	GRATED ICE BRIDGE KIT (10FTX24IN), 13FT-4IN BURIAL PIPE	COMMSCOPE TECHNOLOGI
DSWBLB123	WB-LB12-3	BRACKET, 12IN WAVEGUIDE BRIDGESUPPRT	COMMSCOPE TECHNOLOGI
DSWGB463	WGB4-63	WAVEGUIDE BOOT	COMMSCOPE TECHNOLOGI
DSWGB490	WGB4-90	WGB4-90, BOOT ASSEMBLY, 4 IN, FOR ELLIPTICAL WAVEGUIDE 90	COMMSCOPE TECHNOLOGI
DSWGPSG203C	WGPGSG/203C	EXTENDED STANDARD WARRANTY 36 MONTHS WITH SCHEDULED CALIBRATIO	AEROFLEX WICHITA INC
DSWGPSG205C	WGPGSG/205C	EXTENDED STANDARD WARRANTY 60 MONTHS WITH SCHEDULED CALIBRATIO	AEROFLEX WICHITA INC
DSWKU	WK-U	WK-U, UNIVERSAL WEATHERPROOFING KIT	TRILOGY COMMUNICATIO
DSWL030017750I	WL030017750I	BREAKER, 20 AMP TRIMM	WELDY LAMONT GROUP I
DSWL11W	WL11W	24 FT TEMPERATURE PROBE FOR USE WITH LMHF EQUIPMENT	LAMARCHE MFG CO
DSWL18629209015	WL18629209015	STEEL FLOOR LOADING PLATE FOR A 90G15 BATTERY	WELDY LAMONT GROUP I
DSWL1GM105F	WL1GM105F	BATTERY, 12 VOLT 105 AH GNB	WELDY LAMONT GROUP I
DSWL1GM125F	WL1GM125F	BATTERY, 125 AH 12 V VALVE REGULATED FRONT CONNECTED	WELDY LAMONT GROUP I
DSWL1GM155F	WL1GM155F	BATTERY, 155 AH 12 V	WELDY LAMONT GROUP I
DSWL1GM70	WL1GM70	BATTERY, 12 V, 70 AH TOP TERMINATING	WELDY LAMONT GROUP I
DSWL1NSB100FT	WL1NSB100FT	12V, 100AH, FRONT TERMINAL BATTERY	WELDY LAMONT GROUP I
DSWL1NSB125TT	WL1NSB125TT	BATTERY, 12V, 125AH NORTHSTAR BATTERY TOP TERMINATING	WELDY LAMONT GROUP I
DSWL1SLA1105	WL1SLA1105	BATTERY, 12V, 12AH, POWER PATROL SLA 1105	WELDY LAMONT GROUP I
DSWL1TEL12125	WL1TEL12125	BATTERY, 12V 125 AH C&D	WELDY LAMONT GROUP I
DSWL2GM40	WL2GM40	BATTERY, 40 AH 24 VDC STRING	WELDY LAMONT GROUP I
DSWL2NSB100FT	WL2NSB100FT	24V STRING, 100AH, FRONT TERMINAL BATTERY	WELDY LAMONT GROUP I
DSWL4GM125F	WL4GM125F	125 AMP HOUR 48 VDC BATTERY MARATHON	WELDY LAMONT GROUP I
DSWL4NSB155FT	WL4NSB155FT	48V, 155AH, FRONT TERMINAL BATTERY NORTHSTAR	WELDY LAMONT GROUP I
DSWL4NSB170FT	WL4NSB170FT	48V STRING OF 170 AH FRONT TERM BATTERIES NORTHSTAR	WELDY LAMONT GROUP I
DSWL4NSB60FT	WL4NSB60FT	BATTERY, 48V,60AH BATTERY STRING	WELDY LAMONT GROUP I
DSWL6953204421	WL6953204421	RETURN BAR FOR 1U BREAKER PANEL	WELDY LAMONT GROUP I
DSWLBG1096STNY	WLBG1096STNY	BATTERY, 48V, 1096AH BATTERY STRING, SINGLE STACK	WELDY LAMONT GROUP I
DSWLBG1096STNY2	WLBG1096STNY2	BATTERY, 48V, 1096AH BATTERY STRING, DOUBLE STACK	WELDY LAMONT GROUP I

DSWLBG1200STNY	WLBG1200STNY	BATTERY, 48V, 1200AH BATTERY STRING, SINGLE STRING	WELDY LAMONT GROUP I
DSWLBG152R23	WLBG152R23	BATTERY, 48V, 152AH 23IN. RACK MTD STRING INCL: BASE PLATE & 23IN R	WELDY LAMONT GROUP I
DSWLBG2000GX24	2000GX24; M87-012-16525023TBL	24V, 2000AH GX BATTERY ABSOLYTE GX BATTERY, 2 STACKS, 3 HIGH	WELDY LAMONT GROUP I
DSWLBG256ST	WLBG256ST	BATTERY, 48V, 256AH BATTERY STRING	WELDY LAMONT GROUP I
DSWLBG520ST	WLBG520ST	BATTERY, 48VDC 520 AH	WELDY LAMONT GROUP I
DSWLBG696STNY	WLBG696STNY	BATTERY, 48V, 696AH BATTERY STRING, SINGLE STACK	WELDY LAMONT GROUP I
DSWLBG696STNY2	WLBG696STNY2	BATTERY, 48V, 696AH BATTERY STRING, DOUBLE STACK	WELDY LAMONT GROUP I
DSWLBG800M16B	WLBG800M16B	BATTERY, 800 AH 48 VDC MEDIUM RATE 1600A BATT DISCONNECT MOUNTED	WELDY LAMONT GROUP I
DSWLBG800ST2	WLBG800MST2	BATTERY, 800 AH 48 VDC MEDIUM RATE VLRA STRING 2 STACK CONFIGURATIC	WELDY LAMONT GROUP I
DSWLGB1400ST	WLBG1400ST	BATTERY, 48V 1400AH WITH STANDARD CONNECTIONS	WELDY LAMONT GROUP I
DSWLNSB1984RK	WLNSB1984RK	7 FT, 19 INCH, 90 POUNDS RELAY RACK	WELDY LAMONT GROUP I
DSWLOS4414KVA	WLOS4414KVA	INVERTER SYSTEM 14KVA, ONYX S4, W/ 4 3.5KVA MODS, INC N+1, SYSTEM BYP	WELDY LAMONT GROUP I
DSWLPS6360	WLP6360	BATTERY, 6V, 36AH BATTERY POWER SONIC PS-6360 OR SIMILAR	WELDY LAMONT GROUP I
DSWLS548120NEMA	WLS548120NEMA	ONYX, 48V INVERTER, W/ OUTPUT OF 120V WITH NEMA OUTLETS, MODULE OI	WELDY LAMONT GROUP I
DSWLT030017750B	WLT030017750B	BREAKER 1 AMP TRIMM PART # 030017750B	WELDY LAMONT GROUP I
DSWLT9072101002	WLT9072101002	BREAKER PANEL 1U 6A/6B -/+12-24VDC	WELDY LAMONT GROUP I
DSWLTRM430	WTRM430	DISTRIBUTION PANEL, 4 POSITION WITH (4) 30A BREAKERS	WELDY LAMONT GROUP I
DSWLUN1RUBRPN	WLUN1RUBRPN	UNIPOWER, 1RU DISTRIBUTION PANEL, DUAL BUS (POS 48V AND NEG 48V SIDI	WELDY LAMONT GROUP I
DSWLURD002319100	WLURD002319100	RAIL MOUNTED, 100A DISCONNECT FOR RIGHT SIDE OF RAIL	WELDY LAMONT GROUP I
DSWM100S	WM-100-S	WALL MOUNT, 1-1/2" - 3-1/2" OD, SOLWALL	COMMSCOPE TECHNOLOGI
DSWM4	WM-4	HEAVY DUTY W STYLE WALL MOUNT WITH 4 INCH STAND-OFF	PCTEL INC
DSWMPV45E	WMPV45E	FRONT AND REAR VERTICAL MANAGER 80.4INX 4.9INW X 11.8IND	ANIXTER INC
DSWPH01	1101-372-1	SPD, HARDWIRE 4-WIRE FOR RS232, RS-485, DC BALANCED PAIRS (12V)	TRANSECTOR SYSTEMS
DSWPH03	1101-372-3	SPD, HARDWIRE 4-WIRE FOR RS232, RS-485, DC BALANCED PAIRS (52V)	TRANSECTOR SYSTEMS
DSWPH04	1101-372-4	SPD, HARDWIRE 4-WIRE FOR RS232, RS-485, DC BALANCED PAIRS (120V)	TRANSECTOR SYSTEMS
DSWPH05	1101-372-5	SPD, HARDWIRE 4-WIRE FOR RS232, RS-485, DC BALANCED PAIRS (280V)	TRANSECTOR SYSTEMS
DSX3BATTRACKW	X3BATTRACKW	RELAY RACK, 84HX23WX25D W/ 3 BATTERY TRAYS W/ DISCONNECTS, WIRING,	LAMARCHE MFG CO
DSXP11462	DS328696INV1	REPL BY: DS506848	ELTEK INC
DSXP600	XP-600	48VDC INVERTER EXELTECH XP-600, 600W	ELTEK INC
DSXRGE1248G	XRGE1248G	RECTIFIER, 1200 W (25A), 48V RECTIFIER	WELDY LAMONT GROUP I
DSXX45112009	DSXX45-112-009	BATTERY, 58700036-001, 12V 34WPC FOR 9355-10K UPS BF291JBA02 QTY 32	SEPS INC
DSYB661	YB6-61	YAGI ELEMENT 9 DBD 450-480 MHZ N FEMALE	RFI AMERICAS INC
DSYB80681	YB806-81	YAGI ELEMENT 9 DBD 806-896 MHZ N FEMALE	RFI AMERICAS INC
DSYB806894	YB806-94	YAGI ELEMENT 9 DBD 890-960 MHZ N FEMALE	RFI AMERICAS INC
DSYB80694	YB806-94	YAGI ELEMENT 9 DBD 890-960 MHZ N FEMALE	RFI AMERICAS INC
DSYH02D	YH02D	YAGI, 2 ELEMENT 4 DBD, 100-250 MHZ, 6 MHZ BW, N FEMALE	RFI AMERICAS INC
DSYH03	YH03	YAGI, 3 ELEMENT 6 DBD, 100-250 MHZ, 9 MHZ BW, N FEMALE	RFI AMERICAS INC
DSYH04	YH04	YAGI, 4 ELEMENT, 7DBD, 100-250MHZ, 8MHZ BW, N FEMALE	RFI AMERICAS INC
DSYH06	YH06	YAGI, 6 ELEMENT, 9DBD, 100-250MHZ, 8MHZ BW, N FEMALE	RFI AMERICAS INC
DSYW097489	YW09-7489	YAGI, 11 DBD, 746-896 MHZ N-FEMALE	RFI AMERICAS INC
DSYW156989	YW15-6989	YAGI, 13DBD, 698-890MHZ, N FEMALE	RFI AMERICAS INC
DS2423BATRACK3	WLBG3288STDIS	BATTERY RACK, 23 IN WIDE, 90 IN HIGH, 18 IN DEEP SEISMIC ZONE 4	LAMARCHE MFG CO
DSZ4BATRACK3	Z4BATRACK3	RACK, 19IN, ZONE 4 SEISMIC W/ (3) BATT TRAYS, EACH W/150A DISCONNEC	LAMARCHE MFG CO
DSZ4BATRACK5	Z4BATRACK5	RACK, 19IN, ZONE 4 SEISMIC W/ (3) BATT TRAYS, EACH W/150A DISCONNEC	LAMARCHE MFG CO
DSZZ507AMS39X03	ZZZ-507-AMS-39-X03	DBB FRONT & REAR DOOR ALARM SWITCHES FOR OD SERIES	ANIXTER INC
L1700	FSJ1-50A	FSJ1-50A CABLE: 1/4" SUPERFLEX POLY JKT PER FOOT	COMMSCOPE TECHNOLOGI
L1702	FSJ4-50B	FSJ4-50B CABLE: 1/2" SUPERFLEX POLY JKT PER FOOT	COMMSCOPE TECHNOLOGI
L1704	LDF2-50	LDF2-50 CABLE: 3/8" LDF HELIAX POLY JKT PER FOOT	COMMSCOPE TECHNOLOGI
L1705	LDF4-50A	LDF4-50A CABLE: 1/2" LDF HELIAX POLY JKT PER FOOT	COMMSCOPE TECHNOLOGI
L1883	010-519-20-040	BATTERY REVERT CHARGER 14V	ALPHA TECHNOLOGIES L
L1884	010-523-20-040	BATTERY REVERT CHARGER 28V	ALPHA TECHNOLOGIES L
L3323	AVA5-50	AVA5-50, 7/8 IN VIRTUAL AIR COAXIAL CABLE, CORRUGATED COPPER	COMMSCOPE TECHNOLOGI
L3405	AVA7-50	AVA7-50 CABLE: 1 5/8" AVA HELIAX POLY JKT PER FOOT	COMMSCOPE TECHNOLOGI
L3563	LDF4.5-50	LDF4.5-50 CABLE: 5/8" LOW DENSITY FOAM, PER FOOT	COMMSCOPE TECHNOLOGI
L3569	LDF4RK-50A	CABLE: 1/2" COAXIAL, LOW DENSITY FOAM, FIRE RETARDANT POLYOLEFIN JACK	COMMSCOPE TECHNOLOGI
L3570	FSJ4RK-50B	FSJ4RK-50B CABLE: 1/2" SUPERFLEX FOAM COAX BLCK FIRE RETARDANT JCKT,	COMMSCOPE TECHNOLOGI
L3572	AVA5RK-50	AVA5RK-50 CABLE: 7/8" COAX, VIRTUAL AIR, FIRE RETRDNT POLYOLEFIN JCKT	COMMSCOPE TECHNOLOGI
L3579	FSJ1RK-50B	FSJ1RK-50B CABLE: 1/4" FSJ, FLAME RETARD.JKT. 50-OHM	COMMSCOPE TECHNOLOGI
L3599	AVA6-50	AVA6-50 CABLE: 1-1/4" AVA6-50, COAX CORRUG COPPER, BLACK PE JACKET	COMMSCOPE TECHNOLOGI
L3600	AVA6RK-50	AVA6RK-50 1-1/4" AVA6-50, COAX CORRUG COPPER, BLACK FIRE RET PE JACKE	COMMSCOPE TECHNOLOGI
L3605	AVA7RK-50	AVA7RK-50 CABLE: 1-5/8" AVA HELIAX POLY JKT PER FOOT - FIRE RETARDANT	COMMSCOPE TECHNOLOGI
L3608	FSJ2-50	FSJ2-50 CABLE: 3/8" SUPERFLEX FOAM COAX, BLK PE JKT, PER FOOT	COMMSCOPE TECHNOLOGI
MDN6816	43211A	STD HANGERS FOR 1/2IN CABLE & EW180/EW220/EW-HANGER KIT STAINLESS-	COMMSCOPE TECHNOLOGI
MDN6817	42396A-5	42396A-5 7/8" CABLE HANGER STAINLESS, 10 PK	COMMSCOPE TECHNOLOGI
TDD7050	SD224-SF(1-10)SNM	ANTENNA VHF OMNI 6/9 DB EXPOSED ELEMENT	SINCLAIR TECHNOLOGIE
TDE6771	NMO-406, NMO-MM	ANTENNA MOBILE UHF MAGNETIC MT	PULSE ELECTRONICS IN
TDN6670	40417	40417 CABLE TIES NYLON (1 EA= 1 BAG = 50 TIES)	COMMSCOPE TECHNOLOGI
TDN6948	24312A	24312A HOISTING GRIP FOR 1-5/8" CABLE & EW44/52/63	COMMSCOPE TECHNOLOGI
TDN6949	42396A-2	42396A-2 1-5/8" CABLE HANGER KIT 10 PACK	COMMSCOPE TECHNOLOGI
TDN6950	31768A	31768A ADAPTER ANGLE IRON MOUNTING 10 PK	COMMSCOPE TECHNOLOGI
TDN6951	31670-1	31670-1 ADAPTER 1/2" ROUND MEMBER MOUNTING	COMMSCOPE TECHNOLOGI

TDN6952	31670-2	31670-2 ADAPTER 2" TO 3" ROUND MEMBER MOUNT	COMMSCOPE TECHNOLOGI
TDN6953	31670-3	31670-3 ADAPTER 3" TO 4" ROUND MEMBER MOUNTING	COMMSCOPE TECHNOLOGI
TDN7519	42396A-1	42396A-1 1-1/4" CABLE HANGER KIT STAINLESS	COMMSCOPE TECHNOLOGI
TDN7752	31769-1	31769-1 3/8" HARDWARE KIT, QTY 10	COMMSCOPE TECHNOLOGI
TDN8810	F4PNF-C	F4PNF-C 1/2" TYPE N FEMALE CONNECTOR	COMMSCOPE TECHNOLOGI
TDN8957	41SP	1/4" CONNECTOR UHF MALE S FLEX	COMMSCOPE TECHNOLOGI
TDN9289	221213	221213 CABLE WRAP WEATHERPROOFING	COMMSCOPE TECHNOLOGI
TDN9368	T5001	TERMINATION 50 OHM BNC T50-01	SINCLAIR TECHNOLOGIE
TDN9370	FMB72	MOUNTING BRACKET 2 CAVITY FMB7-2	SINCLAIR TECHNOLOGIE
TDN9575	MCPT-L4	MCPT-L4 1/2" CBL PRECISION PREP TOOL	COMMSCOPE TECHNOLOGI
TDN9576	MCPT-1412	MCPT-1412 1/4" OR 1/2" S FLEX PREP TOOL	COMMSCOPE TECHNOLOGI
TDN9586	204673-1	WALL ROOF FEED THRU PLATE 1 ENTRY	COMMSCOPE TECHNOLOGI
TDN9587	204673-4	204673-4 WALL ROOF FEED THRU PLATE 4 ENTRY	COMMSCOPE TECHNOLOGI
TDN9588	204673-8	WALL ROOF FEED THRU PLATE 8 ENTRY	COMMSCOPE TECHNOLOGI
TDN9668	223158-2	223158-2 1/4" OR 3/8" CABLE GROUND CLAMP KIT	COMMSCOPE TECHNOLOGI
TDN9878	877-124-20-000	CABLE INTERFACE BATTERY TO CHARGER	ALPHA TECHNOLOGIES L
TDN9879	747-081-20-000	TEMPERATURE SENSOR	ALPHA TECHNOLOGIES L
TT05318AA	R8-3G	R8-3G 3 GHZ OPERATION	FREEDOM COMMUNICATIO
TT05319AA	R8-REMOTE	R8-REMOTE REMOTE CONTROL SOFTWARE	FREEDOM COMMUNICATIO
TT05320AA	R8-TG	R8-TG TRACKING GENERATOR	FREEDOM COMMUNICATIO
TT05321AA	R8-ESA	R8-ESA ENHANCED SPECTRUM ANALYZER	FREEDOM COMMUNICATIO
TT05322AA	R8-CF	R8-CF CABLE FAULT LOCATOR	FREEDOM COMMUNICATIO
TT05323AA	R8-SC	R8-SC SOFT CARRYING CASE	FREEDOM COMMUNICATIO
TT05324AA	R8-TRBO	R8-TRBO MOTOTRBO TEST PACKAGE	FREEDOM COMMUNICATIO
TT05325AA	R8-3Y	R8-3Y THREE YEAR SERVICE PLAN	FREEDOM COMMUNICATIO
TT05326AA	R8-5Y	R8-5Y FIVE YEAR SERVICE PLAN	FREEDOM COMMUNICATIO
TT05327AA	R8-P25	R8-P25 APCO PROJECT 25 CONVENTIONALTESTING	FREEDOM COMMUNICATIO
TT05337AA	390XOPT051	SITE MONITORING APPLICATION / 390XOPT051 / R2111A	AEROFLEX WICHITA INC
TT05339AA	390XOPT054	IQ GEN MODULATION / 390XOPT054 / R2112A	AEROFLEX WICHITA INC
TT05340AA	390XOPT055	AUDIO ANALYZER / 390XOPT055 / R2086A	AEROFLEX WICHITA INC
TT05341AA	390XOPT059	AUTO-TEST II ANALOG / 390XOPT059 / R2127A	AEROFLEX WICHITA INC
TT05342AA	390XOPT060	HARMONICS & SPURIOUS MEASUREMENTS / 390XOPT060 / R2129A	AEROFLEX WICHITA INC
TT05343AA	390XOPT061	TRACKING GENERATOR / 390XOPT061 / R2020A	AEROFLEX WICHITA INC
TT05344AA	390XOPT064	ANALOG DUPLEX POWER BETWEEN MARKERS / 390XOPT064	AEROFLEX WICHITA INC
TT05345AA	390XOPT200	P25 CONVENTIONAL WITH DES OFB TYPE III / 390XOPT200 / R2075A	AEROFLEX WICHITA INC
TT05346AA	390XOPT201	P25 TRUNKING VHF/UHF/700/800MHZ / 390XOPT201 / R2076A	AEROFLEX WICHITA INC
TT05347AA	390XOPT204	LSM GENERATE AND RECEIVE/ANALYSIS / 390XOPT204 / R2079A	AEROFLEX WICHITA INC
TT05348AA	390XOPT206	P25 CONTROL CHANNEL LOGGER / 390XOPT206 / R2081A	AEROFLEX WICHITA INC
TT05349AA	390XOPT207	SMARTNET/SMARTZONE / 390XOPT207 / R2082A	AEROFLEX WICHITA INC
TT05350AA	390XOPT209	KVL KEYLOADER / 390XOPT209 / R2084A	AEROFLEX WICHITA INC
TT05351AA	390XOPT210	ANALOG SIMULCAST / 390XOPT210	AEROFLEX WICHITA INC
TT05352AA	390XOPT212	EXPLICIT MODE TRUNKING / 390XOPT212 / R2087A	AEROFLEX WICHITA INC
TT05353AA	390XOPT213	UNIT TO UNIT CALL/ 390XOPT213	AEROFLEX WICHITA INC
TT05354AA	390XOPT214	ADJACENT CHANNEL BROADCAST MESSAGE / 390XOPT214	AEROFLEX WICHITA INC
TT05355AA	390XOPT215	SECONDARY CONTROL CHANNEL BROADCAST MESSAGE / 390XOPT215	AEROFLEX WICHITA INC
TT05356AA	390XOPT218	AUTOTEST II FOR P25 RADIO SYSTEMS / 390XOPT218 / R2083A	AEROFLEX WICHITA INC
TT05357AA	390XOPT219	X2 TDMA TEST SUITE / 390XOPT219 / R2124A	AEROFLEX WICHITA INC
TT05358AA	390XOPT230	OFF AIR MONITOR SOFTWARE FOR P25 MESSAGE LOGGING / 390XOPT230	AEROFLEX WICHITA INC
TT05359AA	390XOPT240	P25 AES ENCRYPTION / 390XOPT240 / R2077A	AEROFLEX WICHITA INC
TT05360AA	390XOPT245	X2 TDMA MOBILE EMULATOR / 390XOPT245 / R2123A	AEROFLEX WICHITA INC
TT05361AA	390XOPT250	OCCUPIED BANDWIDTH FOR P25 / 390XOPT250	AEROFLEX WICHITA INC
TT05362AA	390XOPT260	P25 PERFORMANCE TEST TRIGGERS / 390XOPT260	AEROFLEX WICHITA INC
TT05363AA	390XOPT261	X2 TDMA ADVANCED TEST SUITE / 390XOPT261 / R2122A	AEROFLEX WICHITA INC
TT05364AA	390XOPT300	HPD TESTING OPTION / 390XOPT300 / R2091A	AEROFLEX WICHITA INC
TT05365AA	390XOPT301	MOTOROLA HPD ADVANCED ANALYSIS PACKAGE / 390XOPT301 / R2092A	AEROFLEX WICHITA INC
TT05366AA	390XOPT302	MOTOROLA HPD TESTING SUITE / 390XOPT302 / R2093A	AEROFLEX WICHITA INC
TT05367AA	390XOPT303	AUTOTEST II FOR HPD RADIO SYSTEMS / 390XOPT303	AEROFLEX WICHITA INC
TT05368AA	390XOPT400	MOTOTRBO DMR TESTING / 390XOPT400 / R2126A	AEROFLEX WICHITA INC
TT05369AA	390XOPT401	AUTOTEST II FOR MOTOTRBO DMR RADIO SYSTEMS / 390XOPT401	AEROFLEX WICHITA INC
TT05371AA	390XOPT600	XTS-5000 AUTOTEST AND ALIGNMENT / 390XOPT600 / R2131A	AEROFLEX WICHITA INC
TT05372AA	390XOPT601	XTS-3000 AUTOTEST AND ALIGNMENT / 390XOPT601 / R2132A	AEROFLEX WICHITA INC
TT05373AA	390XOPT602	XTL-2500, XTL-5000 POWER ALIGNMENT FOR AUTOTEST II / 390XOPT602	AEROFLEX WICHITA INC
TT05374AA	390XOPT603	TIA/EIA-603 LAND MOBILE RADIO TEST / 390XOPT603 / R2133A	AEROFLEX WICHITA INC
TT05375AA	W390X/203	EXTENDED WARRANTY 36 TOTAL MONTHS / W390X/203 / R2071A	AEROFLEX WICHITA INC
TT05376AA	W390X/205	EXTENDED WARRANTY 60 TOTAL MONTHS / W390X/205 / R2072A	AEROFLEX WICHITA INC
TT05377AA	W390X/203C	EXTENDED WARRANTY 36 TOTAL MONTHS WITH CAL / W390X/203C / R2073A	AEROFLEX WICHITA INC
TT05378AA	W390X/205C	EXTENDED WARRANTY 60 TOTAL MONTHS WITH CAL / W390X/205C / R2074A	AEROFLEX WICHITA INC
TT05652AA	R8-P25 TRNK	P25 TRUNKING OPTION FOR R8000	FREEDOM COMMUNICATIO
TT05681AA	390XOPT610	MOTOTRBO AUTOTEST/ALIGNMENT (REQS TT05368A & TT05369AA)	AEROFLEX WICHITA INC
TT05682AA	390XOPT058	2.7 GHZ FREQUENCY RANGE EXTENSION OPTION	AEROFLEX WICHITA INC
TT2231	R8000	R8000 COMMUNICATIONS SYSTEM ANALYZER	FREEDOM COMMUNICATIO

TT2232	R8000PREMIER	R8000 1 GHZ PREMIER PACK COMMUNICATIONS SYSTEM ANALYZER	FREEDOM COMMUNICATIO
TT2235	3920B-1GHZ	AEROFLEX 3920B SERVICE MONITOR 1MHZ TO 1GHZ	AEROFLEX WICHITA INC
TT2237	3920 SOFTWARE UPGRADE	SOFTWARE UPGRADE FOR AEROFLEX 3920	AEROFLEX WICHITA INC
TT2452	3920- PLATINUM 2.7 GHZ PACKAGE	AEROFLEX 3920B PLATINUM TEST PACKAGE	AEROFLEX WICHITA INC
TT2453	3920B-GOLD DEALER PACKAGE	AEROFLEX 3920B P25 & MOTOTRBO GOLD TEST PACKAGE	AEROFLEX WICHITA INC
TT2454	3500A - PACKAGE	AEROFLEX 3500A P25 PORTABLE TEST SET PACKAGE	AEROFLEX WICHITA INC
TT2455	3920B-P25 EXPERT PACKAGE	AEROFLEX 3920B P25 EXPERT TEST PACKAGE	AEROFLEX WICHITA INC
TT2456	3500A - PACKAGE	AEROFLEX 3500A MOTOTRBO PORTABLE TEST SET PACKAGE	AEROFLEX WICHITA INC
TT2457	3920B-MOTOTRBO SPEED TEST PKG	AEROFLEX 3920B MOTOTRBO SPEED TEST PACKAGE	AEROFLEX WICHITA INC
Z163	877-125-20-000	ADD: CBL, INTFC 2 WR STA- CHGR	ALPHA TECHNOLOGIES L
Z165	877-124-20-000	ADD: CBL, INTFC, BATT TO CHGR	ALPHA TECHNOLOGIES L
Z166	747-081-20-000	ADD: TEMPERATURE SENSOR	ALPHA TECHNOLOGIES L
Z691	877-145-20-000	ADD: CHGR LOAD CABLE MTR2000	ALPHA TECHNOLOGIES L
Z692	877-146-20-000	ADD: CHGR BAT CABLE MTR2000	ALPHA TECHNOLOGIES L

































# US VERSION

## SIREN AND LIGHTS INTEGRATION MODULE for APX4500, APX6500 and APX7500 mobile radios

### SUGGESTED RETAIL



#### General Information:

The Siren and Lights Interface Module connects new or existing third party light and siren systems to Motorola's APX7500/APX6500 mobile radios.

This solution allows the user to control all in vehicle radio, siren, and light functions from an O3, O7 or O9 APX control head to fit any response scenario.

#### Features:

<b>EASE OF INSTALLATION:</b>	Connects to APX mobile with 1 cable. Connects to OEM sirens with 1 or 2 cables
<b>TWO-WAY MOBILE SUPPORT:</b>	Compatible with APX 7500 and 6500 TDMA capable radio and feature set.
<b>THIRD-PARTY SIREN AND LIGHT:</b>	Compatible with Code 3®, Federal Signal, Whelen® Engineering
<b>QUICK SET-UP:</b>	USB Programming utility available.
<b>CONTROL HEAD COMPATIBILITY:</b>	Compatible with APX O3, O7, and O9 control heads
<b>CONSOLIDATES PA AUDIO:</b>	Supports single microphone for two-way audio and PA audio.
<b>INPUTS/OUTPUTS:</b>	4 dedicated inputs for auxiliary functions and OEM sensors

#### Notes:

THE SIREN AND LIGHTS INTERFACE MODULE IS COMPATIBLE WITH REMOTE-MOUNTED APX7500, APX6500, APX6500LI and APX4500 MOBILE RADIOS.

CONTROL HEADS SUPPORTED: O9, O7, O3; AS WELL AS O2 and O5 WHEN USED WITH KEYPAD MICROPHONE

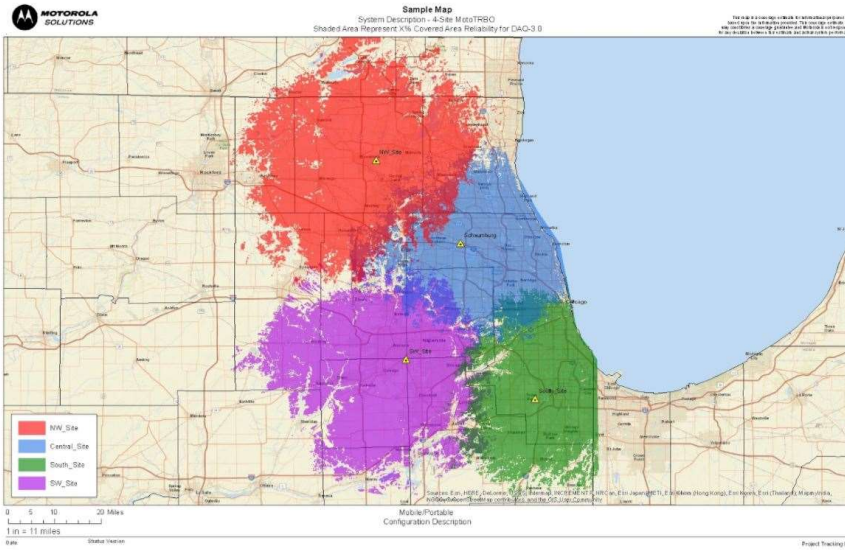
IF UPGRADING FIELDIED UNIT, PLEASE REFER TO THE UPGRADE ORDERING GUIDE FOR ADDITIONAL INSTRUCTIONS

<b>Options: TO COMPLETE AN ORDER YOU MUST MAKE ON (1) CHOICE PER EACH STEP</b>		
<b>Model:</b>	<b>Description</b>	<b>MSRP</b>
<b>STEP 1:</b>		
TT2723	SIREN AND LIGHTS INTEGRATION MODULE The module includes the Module to Radio cable, power cable and GPIO cable	\$690.00
<b>STEP 2:</b>		
TT05924	ADD: INTERFACE KIT IK-A1WB Compatible with: Whelen Cencom Sapphire, Control, Control WC (includes internal siren interface module)	\$295.00
TT05894	ADD: INTERFACE KIT IK-E2 (Z3) Compatible with: Code3 Z3	\$45.00
TT05923	ADD: INTERFACE KIT IK-A1WA Compatible with: Cencom Gold (includes external siren interface module) Aftermarket part number: DDN1896A	\$450.00
TT05890	ADD: INTERFACE KIT IK-A1 (GREY) Compatible with: Whelen CenCom Grey Aftermarket part number: DDN1778A	\$45.00
TT05925	ADD: INTERFACE KIT IK-C1F (SS2000) Min order Qty 100pcs Compatible with: Federal Signal Smart Siren SS2000, SM, Premium Vision, Vision (includes external siren interface module) Aftermarket part number: DDN1898A (Min 100)	\$295.00
TT05926	ADD: INTERFACE KIT IK-C1C (RLS) Compatible with: Code3 RLS (includes external siren interface module) Aftermarket part number: DDN1899A	\$295.00
<b>OPTIONAL:</b>		
TT05889	ADD: PROGRAMMING KIT FOR SLIM Includes Programming Cable and CD (Only one Kit is required per shop)	\$60.00

RESELLER PRICES

GENERAL INFORMATION

Motorola Solutions provides informational coverage maps to our partners deploying MOTOTRBO, MOTOTRBO NITRO or ASTRO P25 Systems. The typical Coverage map will



GENERAL INFORMATION

**Provisions :**

Pricing below includes up to two iterations of maps of up to 6 sites (alternate scenarios with different frequency bands, hardware configurations, number of sites, site locations etc. that are not part of the baseline design require a new HKLN4495A order)

This cost includes maps for up to 6 sites per iteration

**If there are more than 6 sites, there will need to be additional quantities of this part number added (for example up to 18 sites order Qty. 3, up to 24 sites order Qty. 4, etc.)**

The two iterations must be completed within 90 days of receiving the first set of maps

**Contact:**

If you have an FO# that includes this model number below

OR need additional information please send an email to michael.reid@motorolasolutions.com, ats.support@motorolasolutions.com,

**Step 1:** Place the HKLN4495A order through Partner Hub using the following [partnerhub.motorolasolutions.com](http://partnerhub.motorolasolutions.com)

Document the 10-digit MOL Order Number that begins with 3xxxxxxx (Note - the order has to be fully processed and will then appear on Partner Hub / MOL)

**Step 2:** Submit request for Coverage Maps to CCDT via the following link -- [Coverage Map Request Link](#)

You should select "Channel Partner" when prompted to request support. A confirmation email from CCDT will be sent once the request has been submitted with the subject "ACTION REQUIRED....".

Provide the 10-digit MOL Order Number when submitting the coverage request

**Step 3:** Once you submit the CCDT google form request you will receive an email from CCDT with the subject heading "ACTION REQUIRED...."

Within the email there is a link to complete the "Sites Sheet" via a google sheet. This is where you would provide the Site Name / Latitude and Longitude Coordinates / Antenna Heights and Types

Once we have all of the site information we will assign a resource

Turn around time is 5 business days from the day the Coverage Request has been submitted using the link above, along with all the supporting site information.

Additional system information may be requested, if the information is not provided in the initial request. This may impact turn around time.

**MOTOTRBO NITRO coverage maps will be generated for locations with base transceivers located outside buildings.**

Pricing

RESELLER PRICES

Coverage Map

MODEL	DESCRIPTION
HKLN4495A	Coverage Map Generation Serv



# US VERSION

## FOR MOTOTRBO™ ALL SYSTEM TYPES VHF/UHF/800/900 MHz

### RESELLER PRICES

#### The Includes:

- 2 120 VAC Power Cables
- 2 Rack mounting ears

Please refer to the System Planner for more details on configurations and features.



#### General Information:

Is a multi-tenant service that allows MOTOTRBO systems to connect to cloud-hosted and on-premise applications such as location mapping solutions using a modern, unified set of cloud-hosted APIs.

Supports MOTOTRBO radio systems from conventional system, through IP Site Connect, Capacity Plus (single site and multi site) to Capacity Max.

#### NOTE:

The Model B21 is not available to order on MOL. Channel Partners must go through the Center of Excellence Engineering (CoEE) Team.

#### [Orchestrate Request Form](#)

- The Motorola EDGE Node peripherals can be ordered by COEE team too or Channel Partner can order thru COF or MOL directly

ST Support Services will be mandatory for all purchases unless the Channel Partner has completed the training requirements. This will be verified by the CoEE

Team. Classes can be accessed via the Learning Management Portal: <https://learning.motorolasolutions.com/>.

For questions, please contact: [ats.support@motorolasolutions.com](mailto:ats.support@motorolasolutions.com)

#### #REF!

#### Required

MODEL	DESCRIPTION	MSRP
#REF!	#REF!	\$4,491.00
	Only one (1) is maximumly required per system since at least one MNIS data gateway is needed for each system.	
	One system ID is required for each Edge Node, please put it into request form. Refer to MGLN System Planner (section 3.2 - MGLN	
<b>POWER CABLE OPTIONS</b>	US AC power cord is included in the standard package, Australia option will replace the US standard power cord when it is selected	
CA03779AA	INC: POWER CABLE US	\$0.00
CA03780AA	INC: POWER CABLE AUSTRALIA	\$0.00
<b>CLOUD ENVIRONMENT OPTIONS</b>	With more global regions are available, MSI gives customers the flexibility to deploy cloud services. Contact COEE to know more	
CA03770AA	ADD: MGLN US COMM CLOUD INSTANCE	\$0.00
CA03772AA	ADD: MGLN CA CLOUD INSTANCE	\$0.00
<b>ESSENTIAL SERVICES OPTIONS</b>	Being a part of MOTOTRBO family, Edge Node is covered by the Essential Services For New MOTOTRBO™ Two-way Radios and	
SSV03I02140A	5 Years SMA contract for Motorola Edge Node, which is embedded into T8752A, non-orderable service part	
LSV03I02141A	5 Years Essential services contract for Motorola Edge Node, which is embedded into T8752A, non-orderable service part	
TBD	Extended essential services for install-based customer (price is TBD, part number is TBD), it will only be needed after embedded service g	

#### #REF!

#### Optional

MODEL	DESCRIPTION	MSRP
DSCDP2VGA	USB port C to VGA adaptor. Highly recommended and used to connect the server with the monitor	\$44.00
DS9VH72AA	HP E22 21.5" Monitor	\$349.00
DSQY776ATABA	HP Black USB Wired Standard Keyboard	\$36.00
L3226A	CERTIFIED OPTICAL WHEEL MOUSE	\$30.00

**U.S. RESELLER**

## **General Information**

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### **[MOTOTRBO Two-Way Radio Solutions Brochure](#)**

For more information on MOTOTRBO Two-Way Radio Solutions and features available, please visit:

[https://www.motorolasolutions.com/content/dam/msi/docs/products/two-way-radios/mototrbo/mototrbo\\_solutions\\_at\\_a\\_glance\\_brochure.pdf](https://www.motorolasolutions.com/content/dam/msi/docs/products/two-way-radios/mototrbo/mototrbo_solutions_at_a_glance_brochure.pdf)

### **[Quantity Discount Program](#)**

Not available at this time.

**Prices may be subject to change without notice**

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U.S. RESELLER

**XPR™ 3300e**  
**VHF & UHF PORTABLES**  
**6.25e/12.5 kHz**

\*Prices Have Been Updated According to the 5/9/2022 Price Increase\*

**RESELLER PRICES**

**Standard Package Includes:**

- Li-Ion IMPRES Li-Ion, 2100 mAh IP68 with Belt Clip (PMNN4491\_)
- IMPRES™ Single-Unit Charger CEC Compliant (PMPN4576A)
- UHF or VHF Antenna (must select appropriate option)
- 2" Belt Clip (PMLN4651)
- Accessory Dust Cover (0104058J40)
- 5 Year Essential Repair and Software

**Main Radio Features:**

Max. Number of Channels	16
Display	N/A
Keypad	N/A
Menu Navigation Buttons	N/A
Side Programmable Buttons	2
Front Programmable Buttons	N/A
Top Channel Knob Positions	16
Top Programmable (Orange) Button	N/A
Ingress Protection Rating	IP67

**Enhanced Radio Features:**

GPS	N/A
Expansion Card	N/A
Third Party Applications	N/A
Intrinsically Safe Option	Optional
WiFi	Optional

**Premium Software Features Included in Essential Services:**

Bluetooth Audio	Yes
Bluetooth Data	Yes
Digital Telephony	Yes
Enhanced Privacy	Yes
Transmit Interrupt	Yes
Enhanced Noise Cancellation (SINC+)	Yes
Mute Mode	Yes
Receive Audio Leveling	Yes
Indoor Location	N/A
Man Down	N/A
Multi-Button PTT	N/A
Text to Speech	N/A
Transmit Inhibit	N/A

**Systems Supported:**

Analog Conventional	Yes
Digital Conventional	Yes
IP Site Connect	Optional
Capacity Plus	Optional
Linked Capacity Plus	Optional
Capacity Max	N/A
LTR/PassPort	N/A

**Notes:**

Premium Features are included as part of the Essential Software Service Package

Frequencies not Allowed for XPR3300 (Self Quiet)					
VHF			UHF		
139.200	144.000	148.800	403.200	422.400	427.200
153.600	158.400	160.000	432.000	446.400	456.000
163.200	168.000	172.030	460.800	465.600	480.000
172.800			499.200	504.000	508.800
			519.250		



**XPR™ 3300e**  
**VHF & UHF PORTABLES**  
**MODELS AND OPTIONS**

**RESELLER PRICES**

BAND SPLIT	BAND	PWR	CHAN	MODEL	MODEL DESCRIPTION	MSRP
136-174 MHz	VHF	1W to 5W (ships 5W)	16	AAH02JDC9VA1A N	XPR 3300e 136-174 5W NKP WIFI CAPABLE	\$812.00
403-512 MHz	UHF	1W to 4W (ships 4W)	16	AAH02RDC9VA1A N	XPR 3300e 403-512 4W NKP WIFI CAPABLE	\$862.00

FCC INFORMATION VHF: AZ489FT7069, UHF: AZ489FT7068

Options: TO COMPLETE AN ORDER YOU MUST SELECT ONE (1) CHOICE FOR EACH STEP

**STEP 1:**

**Battery Options:**

STDBAT0446	Standard Battery - IMPRES Li-Ion, 2100 mAh IP68 with Belt Clip (PMNN4491_)	N/C
QA08325	IMPRES Li-Ion, 2450 mAh Battery IP68 with Belt Clip (PMNN4544_)	N/C
QA02309	IMPRES LV Hi-Cap Li-Ion, 3000 mAh Battery IP68 with Belt Clip (PMNN4493_)	\$40.33
QA06045	IMPRES LV Hi-Cap Li-Ion, 3000 mAh Batt IP68 + Vibr. Belt Clip (PMNN4488_)	\$80.67
QA04950	IMPRES LV Li-Ion TIA4950, 2900mAh IP68 with Belt Clip (PMNN4490_)*	\$85.50

\*The belt clip comes as part of the battery only when ordered as an option to the radio\*

\* The XPR 3300e, XPR 3500e, XPR 7350e, XPR 7550e, XPR7380e and XPR7580e portable radios MUST be ordered and shipped from Motorola with UL option QA04950 for the radios to be properly processed, certified and labeled as UL Approved in accordance with US and Canada Codes as Intrinsically Safe for use in Division 1, Division 2, Class 1, Group A, B, C, D, Class I Groups C, D, Class II Group E, F, G and Class III hazardous locations.

HAZ LOC certified by UL to standards ANSI/TIA 4950 and CAN/CSA C22.2 NO. 157-92.  
 Classification Rating Division 1, Class I, Groups C, D; Class II Group E, F, G; Class III. T3C.  
 Tamb = -25 °C to +60 °C, and Classification Rating Division 2, Class I, Groups A, B, C, D.

Intrinsically Safe when used with Motorola Battery PMNN4490A

**STEP 2:**

**Charger Options:**

STDCHG0446	Standard Charger - IMPRES Single Unit Charger CEC Compliant (PMPN4576A)	N/C
	With CEC Compliant Switch Mode Power Supply for customers in CA, OR, and WA	
H951	Omit Standard Charger	-\$20.00

**STEP 3:**

**Antenna Options - You MUST choose one:**

**VHF Antenna Options:**

QA02299	VHF Helical Antenna 136-155 MHz (PMAD4117)	N/C
QA02308	VHF Helical Antenna 144-165 MHz (PMAD4116)	N/C
QA02310	VHF Helical Antenna 152-174 MHz (PMAD4118)	N/C
QA02307	VHF Stubby Antenna 136-148 MHz (PMAD4119)	N/C
QA02305	VHF Stubby Antenna 160-174 MHz (PMAD4121)	N/C
QA02306	VHF Stubby Antenna 146-160 MHz (PMAD4120)	N/C

**UHF Antenna Options:**

QA02304	UHF Slim Whip Antenna, 403-512 MHz (PMAE4079)	N/C
QA02303	UHF Stubby Antenna, 403-450 MHz (PMAE4069)	N/C
QA02302	UHF Stubby Antenna, 440-490 MHz (PMAE4070)	N/C
QA02301	UHF Stubby Antenna, 470-512 MHz (PMAE4071)	N/C
H112	Omit Antenna	-\$3.50

**STEP 4:**

**Shipping Box Options:**

STDBOX0446	Standard Model Box	N/C
H415	Bulk Packaging (minimum 10 units per line item)	N/C

The XPR Series portables ship with a Standard 5-Year Software and Repair option that covers 5 years of software support, a premium feature subscription, and parts and labor warranty coverage. Essential with Accidental Damage can be purchased to add coverage for accidental breakage and liquid damage.

**STEP 5:**

**Essential Software Options:**

STD5MA0771	Standard 5 Year SMA and Software Features	N/C
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**Essential Repair Options:**

STDESS0446	5 Year Essential Repair	N/C
QA00446	Delete Essential Repair (2 Year Warranty Only)	-\$19.83
HA00664	ADD: 5 Year Accidental Damage	\$176.00
	Repair coverage is expanded to include chemical, liquid and physical damage for the 5 year term on your Motorola Solutions portable or mobile subscriber radio. Essential with Accidental	

**STEP 6:**

This radio selection is based upon the battery that is chosen. In the ordering system, an error message will appear if a standard radio option is selected with a UL battery or vice versa.

STRADD0446	Standard Radio	N/C
QA08456	UL TIA-4950 Radio	N/C

**XPR™ 3300e  
VHF & UHF PORTABLES  
OPTIONS**

**RESELLER PRICES**

MODEL NUMBER	DESCRIPTION	MSRP
<b>General Options:</b>		
<b>Accessories</b>		
QA02772	IMPRES Noise-Cancelling RSM w/3.5mm Audio Jack (PMMN4071)	\$100.65
QA02773	IMPRES Windporting RSM w/3.5mm Audio Jack (PMMN4073)	\$95.33
QA02774	2-Wire Surveillance Kit Black with Translucent Tube (PMLN7269)	\$44.55
QA02775	2-Wire Surveillance Kit Beige with Translucent Tube (PMLN5726)	\$44.55
<b>Premium Software Features:</b>		
HKVN4084	MOTOTRBO Enhanced Privacy	\$50.00
HKVN4154	MOTOTRBO IP Site Connect	\$83.00
HKVN4271	MOTOTRBO Digital Telephone Interconnect	\$33.50
HKVN4412	Bluetooth Audio 2.0 / 4.0 LE Audio License	\$50.00
HKVN4249	Bluetooth Data & Discoverable Mode	\$50.00
HKVN4413	MOTOTRBO License Capacity Plus (Single Site)	\$83.00
HKVN4414	MOTOTRBO License Capacity Plus (Multi-Site)	\$83.00
HKVN4381	MOTOTRBO License Wi-Fi	\$125.00
HKVN4373	MOTOTRBO License Enhanced Noise Cancellation (SINC+)	\$3.50
HKVN4085	MOTOTRBO Transmit Interrupt	\$50.00
HKVN4493	MOTOTRBO Mute Mode	\$10.00
HKVN4492	MOTOTRBO Receive Audio Leveling	\$3.50

U.S. RESELLER

# XPR™ 3500e VHF & UHF PORTABLES 6.25e/12.5 kHz

## RESELLER PRICES

\*Prices Have Been Updated According to the 5/9/2022 Price Increase\*

### Standard Package Includes:

- Li-Ion IMPRES Li-Ion, 2100 mAh IP68 with Belt Clip (PMNN4491\_)
- IMPRES™ Single-Unit Charger CEC Compliant (PMPN4576A)
- UHF or VHF Antenna (must select appropriate option)
- 2" Belt Clip (PMLN4651)
- Accessory Dust Cover (0104058J40)
- 5 Year Essential Repair and Software

### Main Radio Features:

Max. Number of Channels	128
Display	Monochrome
Keypad	Limited
Menu Navigation Buttons	N/A
Side Programmable Buttons	2
Front Programmable Buttons	2
Top Channel Knob Positions	16
Top Programmable (Orange) Button	N/A
Ingress Protection Rating	IP67

### Enhanced Radio Features:

GPS	N/A
Expansion Card	N/A
Third Party Applications	N/A
Intrinsically Safe Option	Optional
WiFi	Optional

### Premium Software Features Included in Essential Services:

Bluetooth Audio	Yes
Bluetooth Data	Yes
Digital Telephony	Yes
Enhanced Privacy	Yes
Transmit Interrupt	Yes
Enhanced Noise Cancellation (SINC+)	Yes
Mute Mode	Yes
Receive Audio Leveling	Yes
Indoor Location	N/A
Man Down	N/A
Multi-Button PTT	N/A
Text to Speech	N/A
Transmit Inhibit	N/A

### Systems Supported:

Analog Conventional	Yes
Digital Conventional	Yes
IP Site Connect	Optional
Capacity Plus	Optional
Linked Capacity Plus	Optional
Capacity Max	N/A
LTR/PassPort	N/A

### Notes:

Premium Features are included as part of the Essential Software Service Package



### Frequencies not Allowed for XPR3300 (Self Quiet)

VHF			UHF		
139.200	144.000	148.800	403.200	422.400	427.200
153.600	158.400	160.000	432.000	446.400	456.000
163.200	168.000	172.030	460.800	465.600	480.000
172.800			499.200	504.000	508.800
			519.250		

**XPR™ 3500e**  
**VHF & UHF PORTABLES**  
**MODELS AND OPTIONS**

**RESELLER PRICES**

BAND SPLIT	BAND	PWR	CHAN	MODEL	MODEL DESCRIPTION	MSRP
136-174 MHz	VHF	1W to 5W (ships 5W)	128	AAH02JDH9VA1AN	XPR 3500e 136-174 5W LKP WIFI CAPABLE	\$882.00
403-512 MHz	UHF	1W to 4W (ships 4W)	128	AAH02RDH9VA1AN	XPR 3500e 403-512 4W LKP WIFI CAPABLE	\$933.00

FCC INFORMATION VHF: AZ489FT7069, UHF: AZ489FT7068

**Options: TO COMPLETE AN ORDER YOU MUST SELECT ONE (1) CHOICE FOR EACH STEP**

**STEP 1:**

**Battery Options:**

STDBAT0867	Standard Battery - IMPRES Li-Ion, 2100 mAh IP68 with Belt Clip (PMNN4491_)	N/C
QA08325	IMPRES Li-Ion, 2450 mAh Battery IP68 with Belt Clip (PMNN4544_)	N/C
QA02309	IMPRES LV Hi-Cap Li-Ion, 3000 mAh Battery IP68 with Belt Clip (PMNN4493_)	\$40.33
QA06045	IMPRES LV Hi-Cap Li-Ion, 3000 mAh Battery IP68 with Vibr. Belt Clip (PMNN4488_)	\$80.67
QA04950	IMPRES LV Li-Ion TIA4950, 2900mAh IP68 with Belt Clip (PMNN4490_)*	\$85.50

*"The belt clip comes as part of the battery only when ordered as an option to the radio"*

\* The XPR 3300e, XPR 3500e, XPR 7350e, XPR 7550e, XPR7380e and XPR7580e portable radios MUST be ordered and shipped from Motorola with UL option QA04950 for the radios to be properly processed, certified and labeled as UL Approved in accordance with US and Canada Codes as Intrinsically Safe for use in Division 1, Division 2, Class 1, Group A, B, C, D, Class I Groups C, D, Class II Group E, F, G and Class III hazardous locations.

*HAZ LOC certified by UL to standards ANSI/TIA 4950 and CAN/CSA C22.2 NO. 157-92.  
Classification Rating Division 1, Class I, Groups C, D; Class II Group E, F, G; Class III. T3C.  
Tamb = -25 °C to +60 °C, and Classification Rating Division 2, Class I, Groups A, B, C, D.  
Intrinsically Safe when used with Motorola Battery PMNN4490A*

**STEP 2:**

**Charger Options:**

STDCHG0867	Standard Charger - IMPRES Single Unit Charger CEC Compliant (PMPN4576A) With CEC Compliant Switch Mode Power Supply for customers in CA, OR, and WA	N/C
H951	Omit Standard Charger	-\$20.00

**STEP 3:**

**Antenna Options - You MUST choose one:**

**VHF Antenna Options:**

QA02299	VHF Helical Antenna 136-155 MHz (PMAD4117)	N/C
QA02308	VHF Helical Antenna 144-165 MHz (PMAD4116)	N/C
QA02310	VHF Helical Antenna 152-174 MHz (PMAD4118)	N/C
QA02307	VHF Stubby Antenna 136-148 MHz (PMAD4119)	N/C
QA02305	VHF Stubby Antenna 160-174 MHz (PMAD4121)	N/C
QA02306	VHF Stubby Antenna 146-160 MHz (PMAD4120)	N/C

**UHF Antenna Options:**

QA02304	UHF Slim Whip Antenna, 403-512 MHz (PMAE4079)	N/C
QA02303	UHF Stubby Antenna, 403-450 MHz (PMAE4069)	N/C
QA02302	UHF Stubby Antenna, 440-490 MHz (PMAE4070)	N/C
QA02301	UHF Stubby Antenna, 470-512 MHz (PMAE4071)	N/C
H112	Omit Antenna	-\$3.50

**STEP 4:**

**Shipping Box Options:**

STDBOX0867	Standard Model Box	N/C
H415	Bulk Packaging (minimum 10 units per line item)	N/C

The XPR Series portables ship with a Standard 5-Year Software and Repair option that covers 5 years of software support, a premium feature subscription, and parts and labor warranty coverage. Essential with Accidental Damage can be purchased to add coverage for accidental breakage and liquid damage.

**STEP 5:**

**Essential Software Options:**

STDSMA0771	Standard 5 Year SMA and Software Features	N/C
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**Essential Repair Options:**

STDESS0867	5 Year Essential Repair	N/C
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QA00867	Delete Essential Repair (2 Year Warranty Only)	-\$19.83
HA00664	ADD: 5 Year Accidental Damage	\$176.00
	Repair coverage is expanded to include chemical, liquid and physical damage for the 5 year term on your Motorola Solutions portable or mobile subscriber radio. Essential with Accidental Damage starts upon purchase. Repairs will be made at the designated Motorola repair depot. Local pickup or repair charges are not included. Motorola Solutions will pay inbound shipping charges only with use of the Motorola Online return process. Motorola will pay outbound shipping charges via normal shipping methods. No	

**STEP 6:**

*This radio selection is based upon the battery that is chosen. In the ordering system, an error message will appear if a standard radio option is selected with a UL*

STD RAD0867	Standard Radio	N/C
QA08455	UL TIA-4950 Radio	N/C



**XPR™ 3500e**  
**VHF & UHF PORTABLES**  
**OPTIONS**

**RESELLER PRICES**

MODEL NUMBER	DESCRIPTION	MSRP
<b>General Options:</b>		
<u>Accessories</u>		
QA02772	IMPRES Noise-Cancelling RSM w/3.5mm Audio Jack (PMMN4071)	\$100.65
QA02773	IMPRES Windporting RSM w/3.5mm Audio Jack (PMMN4073)	\$95.33
QA02774	2-Wire Surveillance Kit Black with Translucent Tube (PMLN7269)	\$44.55
QA02775	2-Wire Surveillance Kit Beige with Translucent Tube (PMLN5726)	\$44.55
<b>Premium Software Features:</b>		
HKVN4084	MOTOTRBO Enhanced Privacy	\$50.00
HKVN4154	MOTOTRBO IP Site Connect	\$83.00
HKVN4271	MOTOTRBO Digital Telephone Interconnect	\$33.50
HKVN4412	Bluetooth 2.0 / 4.0 LE Audio License	\$50.00
HKVN4249	Bluetooth Data & Discoverable Mode	\$50.00
HKVN4413	MOTOTRBO License Capacity Plus (Single Site)	\$83.00
HKVN4414	MOTOTRBO License Capacity Plus (Multi-Site)	\$83.00
HKVN4381	MOTOTRBO License Wi-Fi	\$125.00
HKVN4373	MOTOTRBO License Enhanced Noise Cancellation (SINC+)	\$3.50
HKVN4085	MOTOTRBO Transmit Interrupt	\$50.00
HKVN4493	MOTOTRBO Mute Mode	\$10.00
HKVN4492	MOTOTRBO Receive Audio Leveling	\$3.50

## SL 3500e Portable UHF & VHF PORTABLES 6.25e/12.5 kHz

### RESELLER PRICES

\*Prices Have Been Updated According to the 5/9/2022 Price Increase\*

#### Standard Package Includes:

- Standard Battery - Li-Ion, 2200 mAh (PMNN4468)
- Standard Charger - Micro-USB Wall Charger (25009298001)
- UHF or VHF Antenna (must select appropriate option)
- Standard Carry Holster (PMLN7190)
- Battery Door Cover (PMLN7074)
- 5 Year Essential Repair and Software

#### Main Radio Features:

Max. Number of Channels	128
Display	OLED
Keypad	Limited
Menu Navigation Buttons	N/A
Side Programmable Buttons	1
Front Programmable Buttons	2
Top Channel Knob Positions	Toggle (+ & -)
Top Programmable (Orange) Button	N/A
Ingress Protection Rating	IP54

#### Enhanced Radio Features:

GPS	N/A
Expansion Card	N/A
Third Party Applications	N/A
Intrinsically Safe Option	N/A
WiFi	Optional

#### Premium Software Features Included in Essential Services:

Bluetooth Audio	Yes
Bluetooth Data	Yes
Digital Telephony	Yes
Enhanced Privacy	Yes
Transmit Interrupt	Yes
Enhanced Noise Cancellation (SINC+)	Yes
Mute Mode	Yes
Receive Audio Leveling	Yes
Indoor Location	N/A
Man Down	N/A
Multi-Button PTT	N/A
Text to Speech	N/A
Transmit Inhibit	N/A

#### Systems Supported:

Analog Conventional	Yes
Digital Conventional	Yes
IP Site Connect	Optional
Capacity Plus	Optional
Linked Capacity Plus	Optional
Capacity Max	N/A
LTR/PassPort	N/A

#### Notes:

Premium features are included as part of the Essential Software Service Package



## SL 3500e Portable UHF & VHF PORTABLES

### RESELLER PRICES

### OPTIONS

BAND SPLIT	BAND	PWR	CHAN	MODEL	MODEL DESCRIPTION	MSRP
136-174 MHz	VHF	3W (D) 2W (A)	128	AAH88JCD9SA2A N	SL 3500e 136-174 3W LKP BT WiFi CAPABLE	\$882.00
403-470 MHz	UHF	3W (D) 2W (A)	128	AAH88YCD9SA2A N	SL 3500e 403-470 3W LKP BT WiFi CAPABLE	\$933.00

2W 470-480 MHz

FCC INFORMATION VHF: AZ489FT7097 / UHF: AZ489FT096

#### Options: TO COMPLETE AN ORDER YOU MUST SELECT ONE (1) CHOICE FOR EACH STEP

#### Battery Options:

STDBAT0130 Standard Battery - Li-Ion, 2200 mAh (PMNN4468)

N/C

#### STEP 1:

#### Charger Options:

STDCHG0130 Standard Charger - Micro-USB Wall Charger (25009298001)

N/C

QA04770 Drop-In Single Unit Charger (PMLN7109)

\$30.25

H951 Omit Standard Charger

-\$5.00

#### STEP 2:

#### Antenna Options - You MUST choose one:

##### VHF Antenna Options:

QA04760 VHF Stubby Antenna, 136-144MHz 5cm (PMAD4144)

N/C

QA04761 VHF Stubby Antenna, 144-156MHz 5cm (PMAD4145)

N/C

QA04762 VHF Stubby Antenna, 156-174MHz 5cm (PMAD4146)

N/C

##### UHF Antenna Options:

QA04763 UHF Stubby Antenna, 403-425MHz 4.5cm (PMAE4093)

N/C

QA04764 UHF Stubby Antenna, 420-445MHz 4.5cm (PMAE4094)

N/C

QA04765 UHF Stubby Antenna, 435-470MHz 4.5cm (PMAE4095)

N/C

##### Other Antenna Options:

H112 Omit Antenna

-\$3.50

#### STEP 3:

#### Shipping Box Options:

STDBOX0130 Standard Model Box

N/C

H415 Bulk Packaging (minimum 10 units per line item)

N/C

#### STEP 4:

#### Carrying Options:

STDBLT0130 Standard Swivel Carry Holster (PMLN7190)

N/C

QA04882 ALT: Flexible Hand Strap (PMLN7076)

\$9.08

QA04883 ALT: Nylon Wrist Strap (PMLN6074)

\$6.05

H301 Omit Swivel Carry Holster

-\$3.50

#### STEP 5:

The SL 3500e portables ship with a Standard 5-Year Software and Repair option that covers 5 years of software support, a premium feature subscription, and parts and labor warranty coverage. Essential with Accidental Damage can be purchased to add coverage for accidental breakage and liquid damage.

#### Essential Software Options:

STDSMA0771 Standard 5 Year SMA and Software Features

N/C

#### Essential Repair Options:

STDESS0130 5 Year Essential Repair

N/C

QA00130 Delete Essential Repair (2 Year Warranty Only)

-\$19.83

HA00664 ADD: 5 Year Accidental Damage

\$176.00

Repair coverage is expanded to include chemical, liquid and physical damage for the 5 year term on your Motorola Solutions portable or mobile subscriber radio. Essential with Accidental Damage starts upon purchase. Repairs will be made at the designated Motorola repair depot. Local pickup or repair charges are not included. Motorola Solutions will pay inbound shipping charges only with use of the Motorola Online return process. Motorola will nav outbound shipping charges via normal shipping

#### General Accessory Options:

QA04755AA Swivel Earpiece with Mic/PTT (PMLN7189)

\$23.54

QA04756AA D-Style Earpiece with Mic/PTT (PMLN7159)

\$49.50

QA04757AA Swivel Earbud Earpiece with Mic/PTT (PMLN7156)

\$21.40

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**Premium Software Features:**

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HKVN4084	MOTOTRBO Enhanced Privacy	\$50.00
HKVN4154	MOTOTRBO IP Site Connect	\$83.00
HKVN4271	MOTOTRBO Digital Telephone Interconnect	\$33.50
HKVN4412	Bluetooth 2.0 / 4.0 LE Audio License	\$50.00
HKVN4249	Bluetooth Data & Discoverable Mode	\$50.00
HKVN4413	MOTOTRBO License Capacity Plus (Single Site)	\$83.00
HKVN4414	MOTOTRBO License Capacity Plus (Multi-Site)	\$83.00
HKVN4381	MOTOTRBO License Wi-Fi	\$125.00
HKVN4373	MOTOTRBO License Enhanced Noise Cancellation (SINC+)	\$3.50
HKVN4085	MOTOTRBO Transmit Interrupt	\$50.00
HKVN4493	MOTOTRBO Mute Mode	\$10.00
HKVN4492	MOTOTRBO Receive Audio Leveling	\$3.50

U.S. RESELLER

## XPR™ 7350e & XPR™ 7380e VHF,UHF & 800/900MHz PORTABLES 6.25e/12.5 kHz

**RESELLER PRICES**

\*Prices Have Been Updated According to the 5/9/2022 Price Increase\*

**Standard Package Includes:**

- For ENABLED Models, IMPRES LIION IP68 3000T (PMNN4493A, includes Belt Clip PMLN7008A)
- For CAPABLE Models, IMPRES LIION IP68 2100T (PMNN4491A, includes Belt Clip PMLN7008A)
- IMPRES™ Single-Unit Charger CEC Compliant (PMPN4576A)
- UHF, VHF , 800/900 MHz Antenna (must select appropriate option)
- Accessory Dust Cover
- 5 Year Essential Repair and Software

**Main Radio Features:**

	Capable	Enabled
Max. Number of Channels	32	32
Display	N/A	N/A
Keypad	N/A	N/A
Menu Navigation Buttons	N/A	N/A
Side Programmable Buttons	3	3
Front Programmable Buttons	N/A	N/A
Top Channel Knob Positions	16	16
Top Programmable (Orange) Button	Yes	Yes
Ingress Protection Rating	IP68	IP68

**Enhanced Radio Features:**

	Capable	Enabled
GPS	Yes	Yes
Expansion Card	Yes	Yes
Third Party Applications	XPR 7380e Only	Yes
Intrinsically Safe Option	Optional	Optional
WiFi	Optional	Yes

**Premium Software Features Included in Essential Serv**

	Capable	Enabled
Bluetooth Audio	Yes	Yes
Bluetooth Data	Yes	Yes
Digital Telephony	Yes	Yes
Enhanced Privacy	Yes	Yes
Transmit Interrupt	Yes	Yes
Enhanced Noise Cancellation (SINC+)	Yes	Yes
Mute Mode	Yes	Yes
Receive Audio Leveling	Yes	Yes
Indoor Location	Yes	Yes
Man Down	Yes	Yes
Multi-Button PTT	Yes	Yes
Text to Speech	Yes	Yes
Transmit Inhibit	Yes	Yes

**Systems Supported:**

	Capable	Enabled
Analog Conventional	Yes	Yes
Digital Conventional	Yes	Yes
IP Site Connect	Yes	Yes
Capacity Plus	Yes	Yes
Linked Capacity Plus	Yes	Yes
Capacity MAX	Optional	Yes
LTR/PassPort	N/A	N/A
WAVE OnCloud	Yes	Yes

For Wave OnCloud device registration, please visit: [www.waveoncloud.com](http://www.waveoncloud.com)

**Notes:**

Premium Features are included as part of the Essential Software Service Package

2. The XPR 7000e series requires the PMKN4012B Programming Cable or PMKN4013C Programming and Test/Aligning Cable

Frequencies Not Allowed for XPR 7500e and XPR7300e			
VHF	UHF	800/900MHz	
138 MHz	417.6 MHz	499.2 MHz	864 MHz
139.2 MHz	422.4 MHz	500 MHz	936 MHz
144 MHz	427.2 MHz	504 MHz	940.8 MHz
148.8 MHz	432 MHz	504.32 MHz	
150 MHz	436.8 MHz	505.345 MHz	
151.17 MHz	456 MHz	508.8 MHz	
153.6 MHz	460.8 MHz	512 MHz	
154.62 MHz	480 MHz ± 5kHz	514.56 MHz	
156 MHz	484.8 MHz	518.4 MHz	
158.4 MHz	489.6 MHz	519.25 MHz	
160 MHz		520 MHz	
162 MHz			
163.2 MHz			
168 MHz			
172.8 MHz			
174 MHz			
154.62 MHz			



## XPR™ 7350e & XPR™ 7380e VHF, UHF & 800/900MHz PORTABLES

**RESELLER PRICES**

**OPTIONS**

BAND SPLIT	BAND	PWR	CHAN	MODEL	MODEL DESCRIPTION	MSRP
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**XPR™ 7350e & XPR 7380e Non-Display, GPS, Bluetooth, Expansion Card - CAPABLE Models**

136-174 MHz	VHF	1W to 5W (ships 5W)	32	AAH56JDC9WA1AN	XPR 7350e NKP GPS BT WiFi CAPABLE	\$1,404.00
403-512 MHz	UHF	1W to 4W (ships 4W)	32	AAH56RDC9WA1AN	XPR 7350e NKP GPS BT WiFi CAPABLE	\$1,455.00
806-941 MHz	800/900	1W to 2.5W (ships 2.5W)	32	AAH56UCC9WB1AN	XPR 7380e NKP GPS GOB BT WiFi CAPABLE	\$1,455.00

**XPR™ 7350e & XPR 7380e Non-Display, GPS, Bluetooth, Expansion Card - ENABLED Models**

136-174 MHz	VHF	1W to 5W (ships 5W)	32	AAH56JDC9RA1AN	XPR 7350e NKP GPS BT WiFi GOB ENABLED	\$1,573.00
403-512 MHz	UHF	1W to 4W (ships 4W)	32	AAH56RDC9RA1AN	XPR 7350e NKP GPS BT WiFi GOB ENABLED	\$1,630.00
806-941 MHz	800/900	1W to 2.5W (ships 2.5W)	32	AAH56UCC9RB1AN	XPR 7380e NKP GPS BT WiFi GOB ENABLED	\$1,630.00

FCC INFORMATION VHF: AZ489FT7154, UHF: AZ489FT7128, 800/900: AZ489FT7067

**Options: TO COMPLETE AN ORDER YOU MUST MAKE ONE (1) CHOICE PER EACH STEP**

**STEP 1:**

**Battery Options For Capable Models**

STDBAT0871	VHF/UHF - Standard Battery - IMPRES LIION IP68 2100mAh (PMNN4491A with Belt Clip)	N/C
STDBAT0126	800/900 - Standard Battery - IMPRES LIION IP68 2100mAh (PMNN4491A with Belt Clip)	N/C
QA06102	VHF/UHF IMPRES Li-Ion Battery 3000mAh IP68 (PMNN4493A with Belt Clip)	\$80.67
QA04060	800/900 - Li-Ion Battery IMPRES 3000mAh IP68 (PMNN4493A with Belt Clip)	\$80.67
QA04070	IMPRES Li-Ion Battery 3000mAh IP68 with Vibrating Alert Belt Clip (PMNN4488A)	\$90.75
QA04950	IMPRES Li-Ion Battery TIA4950 IP68 2900T (PMNN4489A with Belt Clip)*	\$96.20

**Battery Options For Enabled Models**

STDBAT0871	VHF/UHF - Standard Battery - IMPRES LIION IP68 3000mAh (PMNN4493A with Belt Clip)	N/C
STDBAT0126	800/900 - Standard Battery - IMPRES LIION IP68 3000mAh (PMNN4493A with Belt Clip)	N/C
QA02300	800/900 - Li-Ion Battery IMPRES 2100mAh IP68 (PMNN4491A with Belt Clip)	N/C
QA06102	VHF/UHF Li-Ion Battery IMPRES 2100mAh IP68 (PMNN4491A with Belt Clip)	N/C
QA04070	Li-Ion Battery IMPRES 3000mAh IP68 with Vibrating Alert Belt Clip (PMNN4488A)	\$90.75
QA04950	Li-Ion Battery IMPRES LIION TIA4950 IP68 2900T (PMNN4489A with Belt Clip)*	\$96.20

\* The XPR 3300e, XPR 3500e, XPR 7350e, XPR 7550e, XPR7380e and XPR7580e portable radios MUST be ordered and shipped from Motorola with UL option QA04950 for the radios to be properly processed, certified and labeled as UL Approved in accordance with US and Canada Codes as Intrinsically Safe for use in Division 1, Division 2, Class 1, Group A, B, C, D, Class I Groups C, D, Class II Group E, F, G and Class III hazardous locations.

HAZ LOC certified by UL to standards ANSI/TIA 4950 and CAN/CSA C22.2 NO. 157-92.  
Classification Rating Division 1, Class I, Groups C, D; Class II Group E, F, G; Class III. T3C.  
Tamb = -25 °C to +60 °C, and Classification Rating Division 2, Class I, Groups A, B, C, D.  
Intrinsically Safe when used with Motorola Battery PMNN4489A

**STEP 2:**

**Charger Options:**

STDCHG0807 (U/V):	Standard Charger - IMPRES Single Unit Charger CEC Compliant (PMPN4576A)	N/C
H951	Omit Standard Charger	-\$20.00

**STEP 3:**

**Antenna Options - You MUST choose one:**

**VHF Antenna Options**

QA02299	VHF Helical Antenna 136-155 MHz (PMAD4117)	N/C
QA02308	VHF Helical Antenna 144-165 MHz (PMAD4116)	N/C
QA02310	VHF Helical Antenna 152-174 MHz (PMAD4118)	N/C
QA02307	VHF Stubby Antenna 136-148 MHz (PMAD4119)	N/C
QA02305	VHF Stubby Antenna 160-174 MHz (PMAD4121)	N/C
QA02306	VHF Stubby Antenna 146-160 MHz (PMAD4120)	N/C

**UHF Antenna Options:**

QA02304	UHF Slim Whip Antenna 403-527 MHz (PMAE4079)	N/C
QA02303	UHF Stubby Antenna 403-450 MHz (PMAE4069)	N/C
QA02302	UHF Stubby Antenna 440-490 MHz (PMAE4070)	N/C
QA02301	UHF Stubby Antenna 470-512 MHz (PMAE4071)	N/C

**800/900 Antenna Options:**

QA01915	800MHz Whip Antenna 806-870 MHz (PMAF4011)	N/C
QA01916	900MHz Whip Antenna 896-941 MHz (PMAF4012) *	N/C
QA01419	800 MHz Stubby Antenna 806-870 MHz 12cm (PMAF4009)	N/C
QA01420	900 MHz Stubby Antenna 896-941 MHz 11cm (PMAF4010) *	N/C

\* Note: This antenna is optimized for 900 MHz but can be used for mixed 800 & 900 MHz channels

H112	Omit Standard Antenna	-\$3.50
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**XPR™ 7350e & XPR™ 7380e  
VHF,UHF & 800/900MHz PORTABLES  
OPTIONS**

**RESELLER PRICES**

MODEL NUMBER	DESCRIPTION	MSRP
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**STEP 4:**

**Shipping Box Options:**

STDBOX0807 (U/V)	Standard Model Box	N/C
H415	Bulk Packaging (minimum 10 units per line item)	N/C

**STEP 5:**

The XPR Series portables ship with a Standard 5-Year Software and Repair option that covers 5 years of software support, a premium feature subscription, and parts and labor warranty coverage. Essential with Accidental Damage can be purchased to add coverage for accidental breakage and liquid damage.

**Essential Software Options:**

STDSMA0771	Standard 5 Year SMA and Software Features	N/C
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**Essential Repair Options:**

STDESS0807 (U/V)	5 Year Essential Repair	N/C
QA00807 (U/V)	QAC Delete Essential Repair (2 Year Warranty Only)	-\$28.93
HA00663	ADD: 5 Year Accidental Damage Repair coverage is expanded to include chemical, liquid and physical damage for the 5 year term on your Motorola Solutions portable or mobile subscriber radio. Essential with Accidental Damage starts upon purchase. Repairs will be made at the designated Motorola repair depot. Local pickup or repair charges are not included. Motorola Solutions will pay inbound shipping charges only with use of the Motorola Online return process. Motorola will pay outbound shipping charges via normal shipping	\$284.17

**STEP 6:**

*This radio selection is based upon the battery that is chosen. In the ordering system, an error message will appear if a standard radio option is selected with a UL batt*

STDRAD0807 (U/V)	Standard Radio	N/C
QA08453 (U/V)	QA0 UL TIA-4950 Radio	N/C

**General Options:**

QA00505	IMPRES Remote Speaker Microphone with 3.5mm Audio Jack (PMMN4025)	\$103.95
QA00506	Submersible (IP57) Remote Speaker Microphone (PMMN4040)	\$87.45
QA00507	Lightweight Headset (RMN5058)	\$109.73
QA00508	IMPRES 2-Wire Surveillance Kit with Clear Comfortable Acoustic Tube, Black, (PMLN6129)	\$141.08
QA00509	IMPRES 2-Wire Surveillance Kit with Clear Comfortable Acoustic Tube, Beige, (PMLN6130)	\$141.08
QA02817	Noise Cancelling - Intrinsically Safe (UL) Remote Speaker Microphone with 3.5mm Audio Jack (PMMN4050)	\$108.90

**XPR™ 7350e & XPR™ 7380e**  
**VHF,UHF & 800/900MHz PORTABLES**  
**OPTIONS**

**RESELLER PRICES**

MODEL NUMBER	DESCRIPTION	MSRP
<b>Premium Software Features (CAPABLE):</b>		
HKVN4323	MOTOTRBO Capacity Max FULL Subscriber License	\$167.00
HKVN4381	MOTOTRBO License Wi-Fi	\$125.00
HKVN4249	MOTOTRBO Bluetooth Data and Discoverable Mode	\$50.00
HKVN4432	MOTOTRBO License Indoor Location	\$83.33
HKVN4281	MOTOTRBO Text to Speech	\$10.00
HKVN4373	MOTOTRBO License Enhanced Noise Cancellation (SINC+)	\$3.50
HKVN4179	MOTOTRBO Built In Man Down	\$70.00
HKVN4072	Connect Plus Man Down	\$70.00
HKVN4280	MOTOTRBO Multi-Button PTT	\$83.00
HKVN4493	MOTOTRBO Mute Mode	\$10.00
HKVN4492	MOTOTRBO Receive Audio Leveling	\$3.50
HKVN4384	Authenticated Radio Disable (Required for Target Radio Only)	\$3.50
HKVN4385	Transmit Inhibit	\$3.50
<b>Premium Software Feature (ENABLED):</b>		
HKVN4432	MOTOTRBO License Indoor Location	\$83.33
HKVN4281	MOTOTRBO Text to Speech	\$10.00
HKVN4373	MOTOTRBO License Enhanced Noise Cancellation (SINC+)	\$3.50
HKVN4179	MOTOTRBO Built In Man Down	\$70.00
HKVN4072	Connect Plus Man Down	\$70.00
HKVN4280	MOTOTRBO Multi-Button PTT	\$83.00
HKVN4493	MOTOTRBO Mute Mode	\$10.00
HKVN4492	MOTOTRBO Receive Audio Leveling	\$3.50
HKVN4384	Authenticated Radio Disable (Required for Target Radio Only)	\$3.50
HKVN4385	Transmit Inhibit	\$3.50



U.S. RESELLER

## XPR™ 7550e & XPR™ 7580e VHF,UHF & 800/900MHz PORTABLES 6.25e/12.5 kHz

**RESELLER PRICES**

\*Prices Have Been Updated According to the 5/9/2022 Price Increase\*

**Standard Package Includes:**

- For ENABLED Models, IMPRES LIION IP68 3000T (PMNN4493A, includes Belt Clip PMLN7008A)
- For CAPABLE Models, IMPRES LIION IP68 2100T (PMNN4491A, includes Belt Clip PMLN7008A)
- IMPRES™ Single-Unit Charger CEC Compliant (PMPN4576A)
- UHF, VHF, 800/900 MHz Antenna (must select appropriate option)
- Accessory Dust Cover
- 5 Year Essential Repair and Software

Main Radio Features:	Capable	Enabled
Max. Number of Channels	1,000	1,000
Display	Color	Color
Keypad	Full	Full
Menu Navigation Buttons	Yes	Yes
Side Programmable Buttons	3	3
Front Programmable Buttons	2	2
Top Channel Knob Positions	Continuous	Continuous
Top Programmable (Orange) Button	Yes	Yes
Ingress Protection Rating	IP68	IP68

Enhanced Radio Features:	Capable	Enabled
GPS	Yes	Yes
Expansion Card	XPR 7580e Only	Yes
Third Party Applications	Yes	Yes
Intrinsically Safe Option	Optional	Optional
WiFi	Optional	Yes

Premium Software Features Included in Essential Serv	Capable	Enabled
Bluetooth Audio	Yes	Yes
Bluetooth Data	Yes	Yes
Digital Telephony	Yes	Yes
Enhanced Privacy	Yes	Yes
Transmit Interrupt	Yes	Yes
Enhanced Noise Cancellation (SINC+)	Yes	Yes
Mute Mode	Yes	Yes
Receive Audio Leveling	Yes	Yes
Indoor Location	Yes	Yes
Man Down	Yes	Yes
Multi-Button PTT	Yes	Yes
Text to Speech	Yes	Yes
Transmit Inhibit	Yes	Yes

Systems Supported:	Capable	Enabled
Analog Conventional	Yes	Yes
Digital Conventional	Yes	Yes
IP Site Connect	Yes	Yes
Capacity Plus	Yes	Yes
Linked Capacity Plus	Yes	Yes
Capacity MAX	Optional	Yes
LTR/PassPort	Optional on XPR 7580e	Optional
WAVE OnCloud	Yes	Yes

For Wave OnCloud device registration, please visit: [www.waveoncloud.com](http://www.waveoncloud.com)

**Notes:**

Premium Features are included as part of the Essential Software Service Package  
The XPR 7000e series requires the PMKN4012B Programming Cable or PMKN4013C Programming and Test/Aligning Cable



Frequencies Not Allowed for XPR 7500e and XPR 7300e			
VHF	UHF		800/900MHz
138 MHz	417.6 MHz	499.2 MHz	864 MHz
139.2 MHz	422.4 MHz	500 MHz	936 MHz
144 MHz	427.2 MHz	504 MHz	940.8 MHz
148.8 MHz	432 MHz	504-32 MHz	
150 MHz	436.8 MHz	505.345 MHz	
151.17 MHz	456 MHz	508.8 MHz	
153.6 MHz	460.8 MHz	512 MHz	
154.62 MHz	480 MHz ± 5kHz	514.56 MHz	
156 MHz	484.8 MHz	518.4 MHz	
158.4 MHz	489.6 MHz	519.25 MHz	
160 MHz		520 MHz	
162 MHz			
163.2 MHz			
168 MHz			
172.8 MHz			
174 MHz			
154.62 MHz			

## XPR™ 7550e & XPR™ 7580e VHF, UHF & 800/900MHz PORTABLES OPTIONS

**RESELLER PRICES**

BAND SPLIT	BAND	PWR	CHAN	MODEL	MODEL DESCRIPTION	MSRP
<b>XPR™ 7550e &amp; XPR 7580e Display with Color Display, GPS, Bluetooth, No Expansion Card in VHF/UHF - CAPABLE Models</b>						
136-174 MHz	VHF	1W to 5W (ships 5W)	1000	AAH56JDN9WA1AN	XPR 7550e FKP GPS BT WiFi CAPABLE	\$1,505.00
403-512 MHz	UHF	1W to 4W (ships 4W)	1000	AAH56RDN9WA1AN	XPR 7550e FKP GPS BT WiFi CAPABLE	\$1,556.00
806-941 MHz	800/900	1W to 2.5W (ships 2.5W)	1000	AAH56UCN9WB1AN	XPR 7580e FKP GPS GOB BT WiFi CAPABLE	\$1,556.00

**XPR™ 7550e & XPR 7580e Display with Color Display, GPS, Bluetooth, Expansion Card - ENABLED Models**

136-174 MHz	VHF	1W to 5W (ships 5W)	1000	AAH56JDN9RA1AN	XPR 7550e FKP GPS BT WiFi GOB ENABLED	\$1,687.00
403-512 MHz	UHF	1W to 4W (ships 4W)	1000	AAH56RDN9RA1AN	XPR 7550e FKP GPS BT WiFi GOB ENABLED	\$1,745.00
806-941 MHz	800/900	1W to 2.5W (ships 2.5W)	1000	AAH56UCN9RB1AN	XPR 7580e FKP GPS BT WiFi GOB ENABLED	\$1,745.00

FCC INFORMATION VHF: AZ489FT7066, UHF: AZ489FT7065, 800/900: AZ489FT7067

**Options: TO COMPLETE AN ORDER YOU MUST MAKE ONE (1) CHOICE PER EACH STEP**

**STEP 1:**

**Battery Options For Capable Models**

STDBAT0871	VHF/UHF - Standard Battery - IMPRES LIION IP68 2100mAh (PMNN4491A with Belt Clip)	N/C
STDBAT0126	800/900 - Standard Battery - IMPRES LIION IP68 2100mAh (PMNN4491A with Belt Clip)	N/C
QA06102	VHF/UHF IMPRES Li-Ion Battery 3000mAh IP68 (PMNN4493A with Belt Clip)	\$80.67
QA04060	800/900 - Li-Ion Battery IMPRES 3000mAh IP68 (PMNN4493A with Belt Clip)	\$80.67
QA04070	IMPRES Li-Ion Battery 3000mAh IP68 with Vibrating Alert Belt Clip (PMNN4488A)	\$90.75
QA04950	IMPRES Li-Ion Battery TIA4950 IP68 2900T (PMNN4489A with Belt Clip)*	\$96.20

**Battery Options For Enabled Models**

STDBAT0871	VHF/UHF - Standard Battery - IMPRES LIION IP68 3000mAh (PMNN4493A with Belt Clip)	N/C
STDBAT0126	800/900 - Standard Battery - IMPRES LIION IP68 3000mAh (PMNN4493A with Belt Clip)	N/C
QA02300	800/900 - Li-Ion Battery IMPRES 2100mAh IP68 (PMNN4491A with Belt Clip)	N/C
QA04060	VHF/UHF - Li-Ion Battery IMPRES 2100mAh IP68 (PMNN4491A with Belt Clip)	N/C
QA04070	Li-Ion Battery IMPRES 3000mAh IP68 with Vibrating Alert Belt Clip (PMNN4488A)	\$90.75
QA04950	Li-Ion Battery IMPRES LIION TIA4950 IP68 2900T (PMNN4489A with Belt Clip)*	\$96.20

\* The XPR 3300e, XPR 3500e, XPR 7350e, XPR 7550e, XPR7380e and XPR7580e portable radios MUST be ordered and shipped from Motorola with UL option QA04950 for the radios to be properly processed, certified and labeled as UL Approved in accordance with US and Canada Codes as Intrinsically Safe for use in Division 1, Division 2, Class 1, Group A, B, C, D, Class I Groups C, D, Class II Group E, F, G HAZ LOC certified by UL to standards ANSI/TIA 4950 and CAN/CSA C22.2 NO. 157-92. Classification Rating Division 1, Class I, Groups C, D; Class II Group E, F, G; Class III. T3C. Tamb = -25 °C to +60 °C, and Classification Rating Division 2, Class I, Groups A, B, C, D. Intrinsically Safe when used with Motorola Battery PMNN4489A

**STEP 2:**

**Charger Options:**

STDCHG0871	(U/V)S Standard Charger - IMPRES Single Unit Charger CEC Compliant (PMPN4576A)	N/C
H951	Omit Standard Charger	-\$20.00

**STEP 3:**

**Antenna Options - You MUST choose one:**

**VHF Antenna Options**

QA02299	VHF Helical Antenna 136-155 MHz (PMAD4117)	N/C
QA02308	VHF Helical Antenna 144-165 MHz (PMAD4116)	N/C
QA02310	VHF Helical Antenna 152-174 MHz (PMAD4118)	N/C
QA02307	VHF Stubby Antenna 136-148 MHz (PMAD4119)	N/C
QA02305	VHF Stubby Antenna 160-174 MHz (PMAD4121)	N/C
QA02306	VHF Stubby Antenna 146-160 MHz (PMAD4120)	N/C

**UHF Antenna Options:**

QA02304	UHF Slim Whip Antenna 403-527 MHz (PMAE4079)	N/C
QA02303	UHF Stubby Antenna 403-450 MHz (PMAE4069)	N/C
QA02302	UHF Stubby Antenna 440-490 MHz (PMAE4070)	N/C
QA02301	UHF Stubby Antenna 470-512 MHz (PMAE4071)	N/C

**800/900 Antenna Options:**

QA01915	800MHz Whip Antenna 806-870 MHz (PMAF4011)	N/C
QA01916	900MHz Whip Antenna 896-941 MHz (PMAF4012) *	N/C
QA01419	800 MHz Stubby Antenna 806-870 MHz 12cm (PMAF4009)	N/C
QA01420	900 MHz Stubby Antenna 896-941 MHz 11cm (PMAF4010) *	N/C

\* Note: This antenna is optimized for 900 MHz but can be used for mixed 800 & 900 MHz channels or

H112	Omit Standard Antenna	-\$3.50
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**XPR™ 7550e & XPR™ 7580e  
VHF, UHF & 800/900MHZ PORTABLES  
OPTIONS**

**RESELLER PRICES**

MODEL NUMBER	DESCRIPTION	MSRP
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**STEP 4:**

**Shipping Box Options:**

STDBOX0871	(U/V)S Standard Model Box	N/C
H415	Bulk Packaging (minimum 10 units per line item)	N/C

**STEP 5:**

The XPR Series portables ship with a Standard 5-Year Software and Repair option that covers 5 years of software support, a premium feature subscription, and parts and labor warranty coverage. Essential with Accidental Damage can be purchased to add coverage for accidental breakage and liquid damage.

**Essential Software Options:**

STDSMA0771	Standard 5 Year SMA and Software Features	N/C
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**Essential Repair Options:**

STDESS0871 (U/V)S	5 Year Essential Repair	N/C
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QA00871 (U/V)QA0 Delete Essential Repair (2 Year Warranty Only)	-	\$28.93
HA00663	ADD: 5 Year Accidental Damage	\$284.17
	Repair coverage is expanded to include chemical, liquid and physical damage for the 5 year term on your Motorola Solutions portable or mobile subscriber radio. Essential with Accidental Damage starts upon purchase. Repairs will be made at the designated Motorola repair depot. Local pickup or repair charges are not included. Motorola Solutions will pay inbound shipping charges only with use of the Motorola Online return process. Motorola will pay outbound shipping charges via normal shipping methods. No discounts are allowed	

**STEP 6:**

*This radio selection is based upon the battery that is chosen. In the ordering system, an error message will appear if a standard radio option is selected with a UL battery o*

STDRAD0871 (U/V)S Standard Radio	N/C
QA08452 (U/V)QA08 UL TIA-4950 Radio	N/C

**General Options:**

QA00505	IMPRES Remote Speaker Microphone with 3.5mm Audio Jack (PMMN4025)	\$103.95
QA00506	Submersible (IP57) Remote Speaker Microphone (PMMN4040)	\$87.45
QA00507	Lightweight Headset (RMN5058)	\$109.73
QA00508	IMPRES 2-Wire Surveillance Kit with Clear Comfortable Acoustic Tube, Black, (PMLN6129)	\$141.08
QA00509	IMPRES 2-Wire Surveillance Kit with Clear Comfortable Acoustic Tube, Beige, (PMLN6130)	\$141.08
QA02817	Noise Cancelling - Intrinsically Safe (UL) Remote Speaker Microphone with 3.5mm Audio Jack (PMMN4050)	\$108.90

**XPR™ 7550e & XPR™ 7580e**  
**VHF, UHF & 800/900MHz PORTABLES**  
**OPTIONS**

**RESELLER PRICES**

MODEL NUMBER	DESCRIPTION	MSRP
QA01839	<p>LTR/PassPort Enhanced Operation. Factory Installed.</p> <p>Available for XPR 7580e Capable and all Enabled models only. XPR 7550e UHF/VHF Capable no longer come standard with an option board. Includes built-in MOTOTRBO Expansion Card and installation of Scholer-Johnson software license.</p> <p>Notes:</p> <p>1) Scholer-Johnson LTR/PassPort application runs on the MOTOTRBO Expansion Card. The application is compatible with both Classic and Enhanced PassPort operation.</p> <p>2) Scholer-Johnson LTR/PassPort application requires winSIppTRBO programming software.</p> <p>3) MOTOTRBO XPR 5500e/7500e series radios require firmware R02.06 version or higher.</p> <p>4) Scholer-Johnson LTR/PassPort application is available only for display portable and mobile models.</p> <p>5) Scholer-Johnson LTR/PassPort application is compatible with UL equipped portables.</p> <p>6) MDC signaling is not currently available in application's conventional or LTR modes of operation for XPR 5000e/7000e series radios.</p> <p>7) Quik Call II signaling is not currently available in application's conventional or LTR modes of operation.</p> <p>8) Trident TrAVL operation using Scholer-Johnson application is not available for XPR 5500e series mobiles.</p> <p>9) Expansion Card draws additional current from radio battery so using a higher capacity battery may be required.</p> <p>10) To purchase aftermarket Scholer-Johnson LTR/PassPort application and winSIppTRBO programming software please contact Scholer-Johnson Inc. at 407 645 5093.</p> <p>11) For Technical support on the LTR/PassPort application please contact Scholer-Johnson Inc. at 407 645 5093.</p>	\$86.72

**Premium Software Features (CAPABLE):**

HKVN4323	MOTOTRBO Capacity Max FULL Subscriber License	\$167.00
HKVN4381	MOTOTRBO License Wi-Fi	\$125.00
HKVN4249	MOTOTRBO Bluetooth Data and Discoverable Mode	\$50.00
HKVN4432	MOTOTRBO License Indoor Location	\$83.33
HKVN4281	MOTOTRBO Text to Speech	\$10.00
HKVN4373	MOTOTRBO License Enhanced Noise Cancellation (SINC+)	\$3.50
HKVN4179	MOTOTRBO Built In Man Down	\$70.00
HKVN4072	Connect Plus Man Down	\$70.00
HKVN4280	MOTOTRBO Multi-Button PTT	\$83.00
HKVN4493	MOTOTRBO Mute Mode	\$10.00
HKVN4492	MOTOTRBO Receive Audio Leveling	\$3.50
HKVN4384	Authenticated Radio Disable (Required for Target Radio Only)	\$3.50
HKVN4385	Transmit Inhibit	\$3.50
HKVN4870	Bluetooth Sensor, Gas Only	\$40.00

**Premium Software Feature (ENABLED):**

HKVN4432	MOTOTRBO License Indoor Location	\$83.33
HKVN4281	MOTOTRBO Text to Speech	\$10.00
HKVN4373	MOTOTRBO License Enhanced Noise Cancellation (SINC+)	\$3.50
HKVN4179	MOTOTRBO Built In Man Down	\$70.00
HKVN4072	Connect Plus Man Down	\$70.00
HKVN4280	MOTOTRBO Multi-Button PTT	\$83.00
HKVN4493	MOTOTRBO Mute Mode	\$10.00
HKVN4492	MOTOTRBO Receive Audio Leveling	\$3.50
HKVN4384	Authenticated Radio Disable (Required for Target Radio Only)	\$3.50
HKVN4385	Transmit Inhibit	\$3.50
HKVN4870	Bluetooth Sensor, Gas Only	\$40.00

U.S. RESELLER

## MOTOTRBO R7 VHF & UHF PORTABLES 6.25e/12.5 kHz

**RESELLER PRICES**

\*Prices Have Been Updated According to the 5/9/2022 Price Increase\*

**Standard Package Includes:**

- For ENABLED Models, IMPRES Li-Ion IP68 2850T (PMNN4809A)
- For CAPABLE Models, IMPRES Li-Ion IP68 2200T (PMNN4807A)
- IMPRES™ Single-Unit Charger CEC Compliant (PMPN4527A & 25009297001)
- VHF or UHF Antenna (must select appropriate option)
- 2 Inch Belt Clip (PMLN4651)
- Accessory Dust Cover (PMHN4429)
- 5 Year Essential Repair and Software

Main Radio Features:	Non-Display		Display	
	Capable	Enabled	Capable	Enabled
Max. Number of Channels	64	64	1,000	1,000
Display	No	No	Color	Color
Keypad	No	No	Full	Full
Menu Navigation Buttons	No	No	Yes	Yes
Side Programmable Buttons	3	3	3	3
Front Programmable Buttons	No	No	2	2
Top Channel Knob Positions	16	16	Continuous	Continuous
Top Programmable (Orange) Button	Yes	Yes	Yes	Yes
Ingress Protection Rating	IP66 / IP68	IP66 / IP68	IP66 / IP68	IP66 / IP68

**Enhanced Radio Features:**

GPS	Yes	Yes	Yes	Yes
Third Party Applications	Yes	Yes	Yes	Yes
Intrinsically Safe Option	Optional	Optional	Optional	Optional
WiFi	Optional	Yes	Optional	Yes

**Premium Software Features:**

Bluetooth 5.2	Yes	Yes	Yes	Yes
Digital Telephony	Yes	Yes	Yes	Yes
Enhanced Privacy	Yes	Yes	Yes	Yes
Transmit Interrupt	Yes	Yes	Yes	Yes
Enhanced Noise Cancellation (SINC+)	Yes	Yes	Yes	Yes
Mute Mode	Yes	Yes	Yes	Yes
Receive Audio Leveling	Yes	Yes	Yes	Yes
Indoor Location	Yes	Yes	Yes	Yes
Man Down / Fall Alert	Yes	Yes	Yes	Yes
Multi-Button PTT	N/A	N/A	N/A	N/A
Text to Speech	Yes	Yes	Yes	Yes
Transmit Inhibit	Yes	Yes	Yes	Yes
Audio Recording	Optional	Yes	Optional	Yes
Generic Sensor	Optional	Yes	Optional	Yes
Smartphone Collaboration	Optional	Yes	Optional	Yes

**Systems Supported:**

Analog Conventional	Yes	Yes	Yes	Yes
Digital Conventional	Yes	Yes	Yes	Yes
IP Site Connect	Yes	Yes	Yes	Yes
Capacity Plus	Yes	Yes	Yes	Yes
Linked Capacity Plus	Yes	Yes	Yes	Yes
Capacity MAX	Optional	Yes	Optional	Yes
WAVE OnCloud	N/A	N/A	N/A	N/A

**Notes:**

The R7 series requires the PMKN4265 Programming Cable or PMKN4229 Test and Alignment Cable



## MOTOTRBO R7 VHF & UHF PORTABLES OPTIONS

**RESELLER PRICES**

BAND SPLIT	BAND	PWR	CHAN	MODEL	MODEL DESCRIPTION	MSRP
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**Non-Display CAPABLE Models**

136-174 MHz	VHF	1W to 5W (ships 5W)	64	AAH06JDC9WA1AN	MOTOTRBO R7 VHF NKP GPS BT WIFI CAPABLE	\$1,573.00
403-512 MHz	UHF	1W to 4W (ships 4W)	64	AAH06RDC9WA1AN	MOTOTRBO R7 UHF NKP GPS BT WIFI CAPABLE	\$1,573.00

**Non-Display ENABLED Models**

136-174 MHz	VHF	1W to 5W (ships 5W)	64	AAH06JDC9RA1AN	MOTOTRBO R7 VHF NKP GPS BT WIFI ENABLED	\$1,761.00
403-512 MHz	UHF	1W to 4W (ships 4W)	64	AAH06RDC9RA1AN	MOTOTRBO R7 UHF NKP GPS BT WIFI ENABLED	\$1,761.00

**Display CAPABLE Models**

136-174 MHz	VHF	1W to 5W (ships 5W)	1000	AAH06JDN9WA1AN	MOTOTRBO R7 VHF FKP GPS BT WIFI CAPABLE	\$1,683.00
403-512 MHz	UHF	1W to 4W (ships 4W)	1000	AAH06RDN9WA1AN	MOTOTRBO R7 UHF FKP GPS BT WIFI CAPABLE	\$1,683.00

**Display ENABLED Models**

136-174 MHz	VHF	1W to 5W (ships 5W)	1000	AAH06JDN9RA1AN	MOTOTRBO R7 VHF FKP GPS BT WIFI ENABLED	\$1,888.00
403-512 MHz	UHF	1W to 4W (ships 4W)	1000	AAH06RDN9RA1AN	MOTOTRBO R7 UHF FKP GPS BT WIFI ENABLED	\$1,888.00

FCC INFORMATION VHF: AZ489FT7144, UHF: AZ489FT7143; ISED: VHF: 109U-89FT7144, UHF: 109U-89FT7143

**Options: TO COMPLETE AN ORDER YOU MUST MAKE ONE (1) CHOICE PER EACH STEP**

**STEP 1:**

**Battery Options For Capable Models**

STDBAT0865	Standard Battery - IMPRES Li-Ion IP68 2200T (PMNN4807)	N/C
QA08866	IMPRES Li-Ion IP68 2850T Battery (PMNN4809)	\$89.83
QA08405	IMPRES Li-Ion TIA4950 IP68 3200T Battery (PMNN4810)*	\$106.33

**Battery Options For Enabled Models**

STDBAT0865	Standard Battery - IMPRES Li-Ion IP68 2850T (PMNN4809)	N/C
QA08404	IMPRES Li-Ion IP68 2200T Battery (PMNN4807)	N/C
QA08405	IMPRES Li-Ion TIA4950 IP68 3200T Battery (PMNN4810)*	\$106.33

\* R7 portable radios MUST be ordered and shipped from Motorola with UL option QA08405 for the radios to be properly processed, certified and labeled as UL Approved in accordance with US and Canada Codes as Intrinsically Safe for use in Division 1, Division 2, Class 1, Group A, B, C, D, Class I Groups C, D, Class II Group E, F, G and Class III hazardous locations.

**STEP 2:**

**Charger Options:**

STDCHG0865	Standard Charger - IMPRES Single Unit Charger CEC Compliant (PMPN4527 & 25009297001)	N/C
H951	Omit Standard Charger	-\$17.00

**STEP 3:**

**Antenna Options - You MUST choose one:**

**VHF Antenna Options**

QA08447AA	VHF Helical Antenna, 136-155 MHz (PMAD4117)	N/C
QA08448AA	VHF Helical Antenna, 152-174 MHz (PMAD4118)	N/C
QA08449AA	VHF Stubby 6cm Antenna, 136-148 MHz (PMAD4119)	N/C
QA08450AA	VHF Stubby 6cm Antenna, 146-160 MHz (PMAD4120)	N/C
QA08451AA	VHF Stubby 6cm Antenna, 160-174 MHz (PMAD4121)	N/C

**UHF Antenna Options:**

QA08400AA	UHF Slim Whip 15cm Antenna, 403-527MHz (PMAE4079)	N/C
QA08401AA	UHF Short Whip 9cm Antenna, 400-527MHz (AN000348A01)	N/C
QA08402AA	UHF Short Stubby 6cm Antenna, 400-450MHz (AN000350A01)	N/C
QA08403AA	UHF Short Stubby 6cm Antenna, 440-490MHz (AN000351A01)	N/C
QA08430AA	UHF Stubby 9cm Antenna, 400-450MHz (PMAE4069)	N/C
QA08431AA	UHF Stubby 9cm Antenna, 440-490MHz (PMAE4070)	N/C
QA08432AA	UHF Stubby 9cm Antenna, 470-527MHz (PMAE4071)	N/C
H112	Omit Standard Antenna	-\$3.50

**MOTOTRBO R7  
VHF & UHF PORTABLES  
OPTIONS**

**RESELLER PRICES**

MODEL NUMBER	DESCRIPTION	MSRP
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**STEP 4:**

**Shipping Box Options:**

STDBOX0865	Standard Model Box	N/C
H415	Bulk Packaging (minimum 10 units per line item)	N/C

**STEP 5:**

**Generic Option Board:**

The Generic Option Board allows 3rd party applications to run on the MOTOTRBO R7. Application availability will be announced in the near future. The radio options below will be automatically determined after making your battery and option board selections.

DEL: No Option Board		N/C
QA08406	Non-UL Radio	
QA08408	UL Radio	
ADD: Option Board		\$66.67
QA08407	Non-UL Radio	
QA08409	UL Radio	

**STEP 6:**

All R7 portables ship with a 5-Year Software and Hardware Repair Service that covers software updates, remote technical support, a premium feature subscription, and parts and labor warranty coverage. Accidental Damage can be purchased to add coverage for accidental breakage and liquid damage.

**Essential Software Options:**

STDMA0771	Standard 5 Year SMA and Software Features	N/C
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**Essential Repair Options:**

**MSRP**

Motorola Solutions includes Essential Service with each R7 radio purchase. Service options available for MOTOTRBO R7 Include:

Essential Service provides five (5) years of coverage and includes:- Telephone Technical Support- Access to the latest software updates- Premium Software Features	
Essential Software Only	-\$28.33
Essential Software Service provides five (5) years of coverage and includes:	
Accidental Damage	\$291.67
Accidental Damage is an optional service that adds coverage for accidental device damage, including broken or cracked displays or	

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**DC Software Regionalization - OPTIONAL**

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R7 requires a one-time activation to enable the software features and services purchased with the radio. At the time of activation, the radio needs to connect to the secure cloud

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QA08428	ADD: DC Software Regionalization	\$36.67
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<b>General Options:</b>		<b>MSRP</b>
QA00508	2-Wire Surveillance Kit with Translucent Tube (PMLN8342)	\$90.00
QA08150	RM780 IMPRES IP68 Remote Speaker Microphone (PMMN4128)	\$139.92
QA08151	WM500 Operation Critical Wireless RSM (PMMN4127)	\$184.12

**MOTOTRBO R7  
VHF & UHF PORTABLES  
OPTIONS**

**RESELLER PRICES**

MODEL NUMBER	DESCRIPTION	MSRP
<b>Premium Software Features (CAPABLE):</b>		
HKVN4323	MOTOTRBO Capacity Max FULL Subscriber License	\$167.00
HKVN4381	MOTOTRBO License Wi-Fi	\$125.00
HKVN4879	Audio Recording	\$35.00
HKVN4883	Generic Gas Sensor	\$41.67
HKVN4887	M-Radio Control App	\$33.33



U.S. RESELLER

**MOTOTRBO Ion  
UHF PORTABLE  
6.25e/12.5 kHz**

**RESELLER PRICES**

\*Prices Have Been Updated According to the 5/9/2022 Price Increase\*

**Standard Package Includes:**

- IMPRES Li-Ion IP68 2820T mAh Battery (PMNN4803A)
- IMPRES™ Single-Unit Charger CEC Compliant (PMPN4524A)
- UHF Antenna (must select appropriate option)
- Carry Holster (PMLN8126A)
- Accessory Dust Cover (PMHN4429\_)
- 5 Year Essential Repair and Software

**Main Radio Features:**

Max. Number of Channels	1,000
Display	Color
Touchscreen Keypad	Yes
Menu Navigation Buttons	Yes
Side Programmable Buttons	3
Front Programmable Buttons	No
Top Channel Knob Positions	Continuous
Top Programmable (Orange) Button	Yes
Ingress Protection Rating	IP68

**Enhanced Radio Features:**

GPS	Yes
Third Party Applications	Yes
Intrinsically Safe Option	Optional
CBRS (Band 48)	Yes
LTE	Yes
WiFi	Yes

**Premium Software Features:**

Bluetooth Audio	Yes
Bluetooth Data	Yes
Digital Telephony	Future Release
Enhanced Privacy	Yes
Transmit Interrupt	Yes
Enhanced Noise Cancellation (SINC+)	Yes
Mute Mode	Yes
Receive Audio Leveling	Yes
Indoor Location	Yes
Man Down	Yes
Multi-Button PTT	N/A
Text to Speech	Future Release
Transmit Inhibit	Yes

**Systems Supported:**

Analog Conventional	Yes
Digital Conventional	Yes
IP Site Connect	Yes
Capacity Plus	Yes
Linked Capacity Plus	Yes
Capacity MAX	Yes
LTR/PassPort	No
WAVE OnCloud	Yes

**Notes:**

Premium Features are included as part of the Essential Software Service Package

The following are the self-quieter frequencies for your radio:

- 403.2 MHz ± 10 kHz
- 408 MHz ± 10 kHz
- 422.4 MHz ± 10 kHz
- 432 MHz ± 10 kHz
- 441.6 MHz ± 10 kHz
- 456 MHz ± 10 kHz
- 460.8 MHz ± 10 kHz
- 480 MHz ± 5 kHz
- 498.2 MHz ± 10 kHz
- 504 MHz ± 10 kHz
- 518.4 MHz ± 10 kHz



For Wave OnCloud device registration, please visit: [www.waveoncloud.com](http://www.waveoncloud.com)

**MOTOTRBO Ion  
UHF PORTABLE  
OPTIONS**

**RESELLER PRICES**

BAND SPLIT	BAND	PWR	CHAN	SALES MODEL	MODEL DESCRIPTION	MSRP
403-512 MHz	UHF	1W to 4W (ships 4W)	1000	AAH90ZDU9RH1AN	MOTOTRBO ION 400-512 4W LTE CBRS Bluetooth WiFi	\$3,107.00

Model Part Number: MSLB-MK29001

FCC INFORMATION UHF: AZ489FT71333

**Options: TO COMPLETE AN ORDER YOU MUST MAKE ONE (1) CHOICE PER EACH STEP**

**STEP 1:**

**Battery Options:**

STDBAT0734	Standard Battery - IMPRES Li-Ion IP68 2820T mAh (PMNN4803A)	N/C
QA08147	IMPRES Li-Ion, IP68 4400T mAh TIA4950 Battery (PMNN4805A) *	\$114.65
QA08148	IMPRES Li-Ion, IP68 2900T mAh TIA4950 Battery (PMNN4804A) *	\$92.70

\* MOTOTRBO Ion portable radios MUST be ordered and shipped from Motorola with UL option QA08147 or

HAZ LOC Protection: When properly equipped with Motorola UL-Approved battery, MOTOTRBO Ion is UL Approved to TIA-4950 for use in Hazardous

**STEP 2:**

**Charger Options:**

STDCHG0734	Standard Charger - IMPRES Single Unit Charger, US Plug (PMPN4524)	N/C
H951	Omit Standard Charger	-\$17.00

**STEP 3:**

**Antenna Options - You MUST choose one:**

QA08145	UHF Stubby 6cm Antenna, 400-450MHz (AN000350A01)	N/C
QA08146	UHF Stubby 6cm Antenna, 440-490MHz (AN000351A01)	N/C
QA08161	UHF Whip 15cm Antenna, 403-527MHz (PMAE4079)	N/C
QA08162	UHF Short Whip 9cm Antenna, 400-527MHz (AN000348A01)	N/C
H112	Omit Standard Antenna	-\$3.50

**STEP 4:**

**Shipping Box Options:**

STDBOX0734	Standard Model Box	N/C
H415	Bulk Packaging (minimum 10 units per line item)	N/C

**STEP 5:**

**Carry Holster Options:**

STDBLT0734	Standard Carry Holster (PMLN8126)	N/C
QA08149	Carry Holster with Swivel Belt Loop (PMLN8127)	\$38.48
HA00678	Omit Carry Holster	-\$3.00

**STEP 6:**

All MOTOTRBO Ion portables ship with a 5-Year Software and Hardware Repair Service that covers software updates, remote technical support, a premium feature subscription, and parts and labor warranty coverage. Accidental Damage can be purchased to add coverage for accidental breakage and liquid damage.

<b>Essential and Advanced Service Options:</b>	<b>MSRP</b>
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All MOTOTRBO Ion radios include 5 Year Essential Service. As a one-time promotion, Motorola is including, at no cost, one (1) year of Advanced Service, with the purchase of each MOTOTRBO Ion radio. Service options available for MOTOTRBO Ion include:

Essential Service- Includes 5 years of hardware repair for manufacturing defects and normal wear and tear - Includes 5 years of software services (software updates), remote technical support, subscriptions to premium features, and RadioCentral access for single-unit programming  
 - Includes 5 years of hardware repair for manufacturing defects and normal wear and tear

Essential Software Only - Includes 2 years of product warranty (hardware repair for manufacturing defects)	-\$28.33
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Accidental Damage (Essential Service Upsell Option) Repair coverage is expanded to include chemical, liquid and physical damage for the 5 year term on your Motorola MOTOTRBO Ion	\$287.50
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Advanced Service Includes access to RadioCentral Batch Programming for 4 years (as a one-time promotion from Motorola, all device purchases include one	\$28.32
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Accidental Damage (Advanced Service Upsell Option) Repair coverage is expanded to include chemical, liquid and physical damage for the 5 year term on your Motorola MOTOTRBO Ion	\$287.50
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**UHF PORTABLE  
OPTIONS**

**RESELLER PRICES**

MODEL NUMBER	DESCRIPTION	MSRP
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**General Options:**

QA08150	RM780 GCAI Remote Speaker Microphone (PMMN4128)	\$139.92
QA08151	Operation Critical Wireless RSM (PMMN4127)	\$214.65
QA08152	EP910W Operation Critical Wireless Earpiece w/ PTT (PMLN8123)	\$83.48

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**MOTOTRBO Ion Pelican Case:**

HKLN5003

Hard Pelican Case for MOTOTRBO Ion (**Limited Quantity Available**) - *Fits two radios and has several accessory pockets*

\$300.00

**U.S. RESELLER**

## RFID-Enabled Knobs For MOTOTRBO™ and Analog Radios

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**GENERAL INFORMATION:**

makes this process more efficient. RFID tags embedded in radio volume knobs enable quick, easy and reliable tracking of radios without the need for manual logging, scanning bar codes or opening the packaging. With RFID, a single radio or an entire crate can be scanned in seconds. Enterprise Value Added Partners like CDO Technologies and RFTrail offer complete RFID tracking solutions to make your radio inventory management more

**RFID-ENABLED KNOBS:**

Model	Description	List
3.6012E+10	RFID Vol Knob, CP200d/CP/EX/HT/MTX/PR400 (Qty. 20)	\$ 215.00
3.6012E+10	RFID Vol Knob, XPR 7000, XPR 7000e series (Qty. 20)	\$ 215.00
3.6012E+10	RFID Vol Knob, XPR 3000, XPR 3000e series (Qty. 20)	\$ 215.00

**Notes:**

The RFID knobs are available only as Aftermarket Parts.

The RFID knobs are sold in quantities of 20.

One (1) Year Warranty.

**RFID FLEET MANAGEMENT SOLUTIONS:**

Any software solution will need to be provided by the customer



## CALL BOX/RTU RF KITS

### RESELLER PRICES

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**\*Prices Have Been Updated According to the 5/9/2022 Price Increase\***

#### **GENERAL INFORMATION:**

portables intended for Call Box, Remote Terminal Units (RTU), such as Motorola ACE 1000, and other Supervisory Control and Data Acquisition (SCADA) applications. The portables provide an SubMiniature A (SMA) type antenna connector.

For radio integration into the Call Box/RTU please contact the specific call box/RTU manufacturer.

**Operational on all MOTOTRBO systems. Antenna, battery, charger and belt clip are not included.**

#### **CALL BOX/RTU RF KITS**

Model	Description	List
HK2079A	CALL BOX RF KIT "FKP PORT E VERSION" 5W 136-174 MHz	\$ 1,160.00
HK2080A	CALL BOX RF KIT "FKP PORT E VERSION" 4W 403-512 MHz	\$ 1,160.00
HK2081A	CALL BOX RF KIT "FKP PORT E VERSION" 2.5W 800/900 MHz	\$ 1,160.00

U.S. RESELLER

# HT750™ VHF & UHF MSHA PORTABLES 12.5 kHz

## RESELLER PRICES

Life Cycle Notice Update: UHF1 model no longer available  
VHF and UHF2 models available while supplies last

### All HT750 portable models include:

- Standard Charger (120V Single Unit Rapid Rate Charger - AAHTN3000)
- Standard Antenna (LB NAB6064 / VHF NAD6502\_R / UHF NAE6483\_R)
- 2.5" Belt Clip (HLN9714)
- Dust Cover (HLN9820A)
- Two Year Warranty

### Main Radio Features:

Max # of Channels	16
Display	N/A
Keypad	N/A
Menu Navigation Buttons	N/A
Side Programmable Buttons	3
Front Programmable Buttons	N/A
Top Channel Knob Positions	16
Top Programmable (Orange) Button	Yes
Ingress Protection Rating	IP54

### Enhanced Radio Features:

Escalart Call Features	Yes
Intrinsically Safe Option	Optional
MSHA Option	Yes
MDC1200 Signalling	Yes
Option Board Expandability	Yes
Quik Call II Signalling	Decode
X-Pand™ Technology	Yes

### Systems Supported:

Analog Conventional	Yes
Digital Conventional	N/A
LTR/PassPort	N/A
SmartNet / SmartZone	N/A
Privacy Plus	N/A



MSHA and Commonwealth of PA approved. See the below for more

### The following frequencies are not allowed:

151.200	403.205	436.795	453.600	468.300	494.955	507.875
168.000	419.195	436.800	453.605	469.105	498.830	511.755
403.195	420.000	436.805	457.805	470.400	502.710	
403.200	420.005	453.595	459.905	483.320	504.000	

BAND SPLIT	BAND	PWR	CHAN	MODEL	MODEL DESCRIPTION	MSRP
136-174 MHz	VHF	1W to 5W (ships 5W)	16	AAH25KDC9AA3_N	HT750 136-174 MHz (MSHA)	\$933.33
403-470 MHz	UHF1	<del>1W to 4W</del> (ships 4W)	<del>16</del>	<del>AAH25RDC9AA3_N *</del>	<del>HT750 403-470 MHz (MSHA)</del>	<del>\$983.33</del>
450-512 MHz	UHF2	1W to 4W (ships 4W)	16	AAH25SDC9AA3_N	HT750 450-512 MHz (MSHA)	\$983.33

FCC INFORMATION AZ489FT1625 (29.7-42/35-50 MHz) / AZ489FT3794 (136-174 MHz) / AZ489FT4826 (403-470 MHz) / AZ489FT4834 (450-512 MHz)

Note: \* UHF1 model no longer available

VHF & UHF2 model available while supplies last

# HT750™ VHF & UHF MSHA PORTABLES OPTIONS

## RESELLER PRICES

MODEL NUMBER	DESCRIPTION	MSRP
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Intrinsically Safe (MSHA): Option QA01103 (NNTN7380) is rated Intrinsically Safe for use in Methane Air mixtures by the Mine Safety Health Administration (MSHA) and is Commonwealth of Pennsylvania approved for use in bituminous underground coal mines (by the Pennsylvania Bureau of Mines).

Options: TO COMPLETE AN ORDER YOU MUST MAKE ONE (1) CHOICE PER EACH STEP

**STEP 1:****Battery Choices:**

QA01103	NiMH, 1150 mAh, 7.2 V Battery - Intrinsicly Safe (MSHA) (NNTN7380) <i>* (Not for use with LowBand models)</i>	\$114.50
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**STEP 2:****Charger Choices:**

STDCHG0672	Standard Charger (120V Single Unit Rapid Rate Charger - AAHTN3000)	N/C
H951	Omit 120 Volt Rapid Rate Charger	-\$20.00
QA00741	Single-Unit Charger with CEC Compliant Switch Mode Power Supply (PMLN5197)	\$8.00

**IMPRES™ Charger:**

QA00061	IMPRES™ Single Unit Charger (WPLN4182)	\$35.00
QA00742	IMPRES Single-Unit Charger with CEC Compliant Switch Mode Power Supply (PMLN5198)	\$40.00

**STEP 3:****Carry Holder Choices:**

STDBLT0672	Standard Belt Clip (HLN9714)	N/C
H301	Omit Standard Belt Clip	-\$5.00

**STEP 4:****Antenna Choices:**

STDANT0672	Standard Antenna (LB NAB6064, VHF NAD6502_R & UHF NAE6483_R)	N/C
Q46	VHF 148-161 MHz ONLY Whip Antenna (Enhanced Perf., 7.5" - NAD6579)	N/C
QA00062	UHF 430-470 MHz Stubby Antenna (PMAE4003)	-\$2.00
H112	Omit Standard Antenna (LowBand, VHF & UHF)	-\$3.50

**STEP 5:****Shipping Box Choices:**

STDBOX0672	Standard Model Box	N/C
H415	Bulk Packaging (minimum 10 units per line item)	N/C

**General Options:**

		<b>MSRP</b>
QA00101	2-Wire Comfort Earpiece with Combined Microphone and PTT, Black. Surveillance Kits with Extended-Wear Comfort Earpieces include a Low Noise Enhancement (RLN6232) already attached for extra comfort and convenience (RLN5315).	\$108.00
QA00103	Travel Charger (includes voltage regulated lighter adapter, custom charger base, coil cord and mounting bracket - RLN4883)	\$89.25
H886	3 Year Service from the Start -LITE - Provides 3 years of extended hardware repair coverage beginning after the standard warranty period expires. Repairs will be made only at the designated Motorola repair depot. Local services are not included. Motorola will pay the inbound shipping charges only with use of the Motorola designated delivery service. Motorola will pay for outbound shipping via Motorola's normal shipping methods. No discounts are allowed on this	\$108.00

U.S. RESELLER

## XPR™ 2500 VHF & UHF MOBILES

### RESELLER PRICES

6.25e/12.5 kHz

*\*Prices Have Been Updated According to the 5/9/2022 Price Increase\**

#### Standard Package Includes:

- Compact Microphone (PMMN4090)
- Low Profile Bracket (RLN6469)
- 10 ft Power Cable (HKN4191)
- 5 Year Essential Repair and Software

#### Main Radio Features:

Max. Number of Channels	128
Display	Monochrome
Keypad (via Enhanced Microphone)	Optional
Menu Navigation Buttons	N/A
Front Programmable Buttons	4
Channel Up / Down Rocker	Yes
Control Station Operation	Yes
Handheld Control Head	N/A

#### Enhanced Radio Features:

GPS	N/A
Expansion Card	N/A
Third Party Applications	N/A
Remote Mount	N/A
WiFi	N/A

#### Premium Software Features Included in Essential Services:

Bluetooth Audio	N/A
Bluetooth Data	N/A
Digital Telephony	Yes
Enhanced Privacy	Yes
Transmit Interrupt	Yes
Enhanced Noise Cancellation (SINC+)	Yes
Receive Audio Leveling	Yes
Mute Mode	N/A
Indoor Location	N/A
Text to Speech	N/A
Transmit Inhibit	N/A

#### Systems Supported:

Analog Conventional	Yes
Digital Conventional	Yes
IP Site Connect	Optional
Capacity Plus	Optional
Linked Capacity Plus	Optional
Capacity Max	N/A
LTR/PassPort	N/A

#### Notes:

Premium Features are included as part of the Essential Software Service Package

#### Frequencies Not Allowed for XPR 2500:

153.590 153.610 172.800 422.400  
153.600 172.790 172.810





## XPR™ 2500 VHF & UHF MOBILES

### RESELLER PRICES

### OPTIONS

BAND SPLIT	BAND	PWR	CHAN	MODEL	MODEL DESCRIPTION	MSRP
136-174 MHz	VHF	1-25W	128	AAM02JNH9JA1AN	XPR 2500 136-174 MHz 25W Display	\$872.00
136-174 MHz	VHF	25-45W	128	AAM02JQH9JA1AN	XPR 2500 136-174 MHz 45W Display	\$953.00
403-470 MHz	UHF	1-25W	128	AAM02QNH9JA1AN	XPR 2500 403-470 MHz 25W Display	\$932.00
403-470 MHz	UHF	25-40W	128	AAM02QPH9JA1AN	XPR 2500 403-470 MHz 40W Display	\$1,013.00

FCC INFORMATION - VHF 25W: ABZ99FT3090, VHF 45W: ABZ99FT3091, UHF 25W: ABZ99FT4092, UHF 40W: ABZ99FT4093

**Options: TO COMPLETE AN ORDER YOU MUST CHOOSE ONE (1) OPTION FROM EACH STEP BELOW**

#### STEP 1:

#### Microphone Options:

STDMIC0776	Standard Compact Microphone (PMMN4090). Does not support Remote Monitor.	N/C
QA03850	Heavy Duty Microphone (PMMN4091). Does not support Remote Monitor.	\$44.37
QA03848	Enhanced Keypad Microphone (PMMN4089). Supports Remote Monitor.	\$72.60
B71	Omit Microphone	-\$10.00

#### STEP 2:

#### Bracket Options:

STDBKT0776	Standard Mounting Bracket (Low Profile - RLN6469)	N/C
B65	Omit Standard Mounting Bracket	-\$4.00

#### STEP 3:

#### Cable Options: (Optional HKN9327 Ignition Switch Cable is required for installations requiring ignition sense)

STDCBL0776	Standard Power Cable (HKN4191)	N/C
B161	Omit Standard Power Cable	-\$8.00

#### Shipping Box Options:

STDBOX0776	Standard Model Box	N/C
B842	Bulk Packing (minimum 2 radios per box)	N/C

#### STEP 5:

The XPR Series mobiles ship with a Standard 5-Year Software and Repair option that covers 5 years of software support, a

#### Essential Software Options:

STDSMA0771	Standard 5 Year SMA and Software Features	N/C
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#### Essential Repair Options:

STDESS0776	5 Year Essential Repair	\$0.00
QA00776	Delete Essential Repair (2 Year Warranty Only)	-\$19.83
HA00664	ADD: 5 Year Accidental Damage	\$176.00
	Repair coverage is expanded to include chemical, liquid and physical damage for the 5 year term on your Motorola	

#### Premium Software Features:

HKVN4084	MOTOTRBO Enhanced Privacy	\$50.00
HKVN4154	MOTOTRBO IP Site Connect	\$83.00
HKVN4271	MOTOTRBO Digital Telephone Interconnect	\$33.50
HKVN4413	MOTOTRBO License Capacity Plus (Single Site)	\$83.00
HKVN4414	MOTOTRBO License Capacity Plus (Multi-Site)	\$83.00
HKVN4085	MOTOTRBO Transmit Interrupt	\$50.00

U.S. RESELLER

## XPR™ 5350e & XPR™ 5380e VHF, UHF & 800/900MHz MOBILES 6.25e/12.5 kHz

### RESELLER PRICES

\*Prices Have Been Updated According to the 5/9/2022 Price Increase\*

#### Standard Package Includes:

- Compact Microphone (RMN5052)
- Low Profile Bracket (RLN6469A)
- 10 ft Power Cable (HKN4191)
- Radio Operation Quick Reference Cards and Safety Manual with Quick Reference Guides
- 5 Year Essential Repair and Software

#### Main Radio Features:

Max. Number of Channels	32
Display	Monoch.
Keypad (via Enhanced Microphone)	Optional
Menu Navigation Buttons	Yes
Side Programmable Buttons	N/A
Soft Front Programmable Buttons	4
Dual Purpose Volume / Channel Selector Knob	Yes
Control Station Operation 2	Yes
Handheld Control Head	N/A



#### Enhanced Radio Features:

GPS	Yes
Expansion Card	Yes
Third Party Applications	Yes
Remote Mount	Optional
WiFi	Yes

#### Premium Software Features Included in Essential Services:

Bluetooth Audio	Yes
Bluetooth Data	Yes
Digital Telephony	Yes
Enhanced Privacy	Yes
Transmit Interrupt	Yes
Enhanced Noise Cancellation (SINC+)	Yes
Receive Audio Leveling	Yes
Mute Mode	Yes
Indoor Location	Yes
Text to Speech	Yes
Transmit Inhibit	Yes

#### Systems Supported:

Analog Conventional	Yes
Digital Conventional	Yes
IP Site Connect	Yes
Capacity Plus	Yes
Linked Capacity Plus	Yes
Capacity Max	Yes
LTR/PassPort	N/A

#### Notes:

Premium Features are included as part of the Essential Software Service Package

- Control Station external power supply (HPN4007), optional desktop tray, and optional desktop microphone.
- The XPR 5000e series requires the PMKN4010 Programming Cable or PMKN4016 Programming and Test/Aligning Cable.

**XPR™ 5350e & XPR™ 5380e**  
**VHF, UHF & 800/900MHz MOBILES**  
**OPTIONS**

**RESELLER PRICES**

BAND SPLIT	BAND	PWR	CHAN	MODEL	MODEL DESCRIPTION	MSRP
<b>XPR™ 5300e NumericDisplay with Bluetooth, GPS, and Expansion Card - ENABLED Models</b>						
136-174 MHz	VHF	1-25W	32	AAM28JNC9RA1AN	XPR 5350e GOB BT/GPS/WiFi ND ENABLED	\$1,128.00
136-174 MHz	VHF	25-45W	32	AAM28JQC9RA1AN	XPR 5350e GOB BT/GPS/WiFi ND ENABLED	\$1,219.00
403-470 MHz	UHF	1-25W	32	AAM28QNC9RA1AN	XPR 5350e GOB BT/GPS/WiFi ND ENABLED	\$1,196.00
403-470 MHz	UHF	25-40W	32	AAM28QPC9RA1AN	XPR 5350e GOB BT/GPS/WiFi ND ENABLED	\$1,288.00
450-512 MHz	UHF	1-40W	32	AAM28TRC9RA1AN	XPR 5350e GOB BT/GPS/WiFi ND ENABLED	\$1,288.00
806-941 MHz	800/900	10-35W (800) 10-30W (900)	32	AAM28UMC9RA1AN	XPR 5380e GOB BT/GPS/WiFi ND ENABLED	\$1,288.00

FCC INFORMATION: VHF 25W AZ492FT7082; VHF 45W AZ492FT7081. UHF 25W: AZ492FT7080; UHF 40W: AZ492FT7079; UHF2: AZ492FT7076; 800/900MHz: AZ492FT7083.

**Options: TO COMPLETE AN ORDER YOU MUST CHOOSE ONE (1) OPTION FROM EACH STEP BELOW**

**STEP 1:**

**Microphone Options:**

STDMIC0511 (U/V)S Standard Compact Microphone (RMN5052)	N/C
GA00036 Heavy Duty Microphone (RMN5053)	\$40.33
QA02406 Impres 4-way Navigation Keypad Mic (RMN5127)	\$141.17
B71 Omit Microphone	-\$10.00

**STEP 2:**

**Bracket Options:**

STDBKT0511 (U/V)S Standard Mounting Bracket (Low Profile - RLN6469)	N/C
B65 Omit Standard Mounting Bracket	-\$4.00

**STEP 3:**

**Cable Options: (Optional RKN4136 Ignition Switch Cable is required for installations requiring ignition sense)**

STDCBL0511 (U/V)S Standard Power Cable (HKN4191)	N/C
B161 Omit Standard Power Cable	-\$8.00

**STEP 4:**

**Shipping Box Options:**

STDBLK0511 (U/V)S Standard Model Box	N/C
B842 Bulk Packing (minimum 2 radios per box)	N/C

**STEP 5:**

The XPR Series mobiles ship with a Standard 5-Year Software and Repair option that covers 5 years of software support, a premium feature

**Essential Software Options:**

STDSMA0771 Standard 5 Year SMA and Software Features	N/C
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**Essential Repair Options:**

STDESS0511 (U/V)S 5 Year Essential Repair	N/C
QA00511 (U/V)QA Delete Essential Repair (2 Year Warranty Only)	-\$28.93
HA00663 ADD: 5 Year Accidental Damage	\$284.17
Repair coverage is expanded to include chemical, liquid and physical damage for the 5 year term on your Motorola Solutions portable or mobile	

**XPR™ 5350e & XPR™ 5380e**  
**VHF, UHF & 800/900MHz MOBILES**  
**OPTIONS**

**RESELLER PRICES**

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**Premium Software Feature:**

HKVN4432	MOTOTRBO License Indoor Location	\$83.33
HKVN4281	MOTOTRBO Text to Speech	\$10.00
HKVN4493	MOTOTRBO Mute Mode	\$10.00
HKVN4492	MOTOTRBO Receive Audio Leveling	\$3.50
TT3027	Estimote Kit of 3 iBeacons AVAILABLE TO ORDER VIA MOL ONLY	\$120.00
HKVN4384	Authenticated Radio Disable (Required for Target Radio Only)	\$3.50
HKVN4385	Transmit Inhibit	\$3.50

U.S. RESELLER

## XPR™ 5550e & XPR™ 5580e VHF, UHF & 800/900MHz MOBILES 6.25e/12.5 kHz

### RESELLER PRICES

\*Prices Have Been Updated According to the 5/9/2022 Price Increase\*

#### Standard Package Includes:

- Compact Microphone (RMN5052)
- Low Profile Bracket (RLN6469A)
- 10 ft Power Cable (HKN4191)
- Radio Operation Quick Reference Cards and Safety Manual with Quick Reference Guides
- 5 Year Essential Repair and Software

#### Main Radio Features:

	Capable	Enabled
<b>Max. Number of Channels</b>	<b>1,000</b>	<b>1,000</b>
<b>Display</b>	<b>5 Line Color Alpha-Numeric</b>	<b>5 Line Color Alpha-Numeric</b>
<b>Keypad (via Enhanced Microphone)</b>	<b>Optional</b>	<b>Optional</b>
<b>Menu Navigation Buttons</b>	<b>Yes</b>	<b>Yes</b>
<b>Side Programmable Buttons</b>	<b>N/A</b>	<b>N/A</b>
<b>Soft Front Programmable Buttons</b>	<b>4</b>	<b>4</b>
<b>Dual Purpose Volume / Channel Selector Knob</b>	<b>Yes</b>	<b>Yes</b>
<b>Control Station Operation</b>	<b>Yes</b>	<b>Yes</b>
<b>Handheld Control Head</b>	<b>Optional</b>	<b>Optional</b>



#### Enhanced Radio Features:

	Capable	Enabled
<b>GPS</b>	<b>Yes</b>	<b>Yes</b>
<b>Expansion Card</b>	<b>Yes</b>	<b>Yes</b>
<b>Third Party Applications</b>	<b>Yes</b>	<b>Yes</b>
<b>Remote Mount</b>	<b>Optional</b>	<b>Optional</b>
<b>WiFi</b>	<b>Optional</b>	<b>Yes</b>

#### Premium Software Features Included in Essential Services:

	Capable	Enabled
<b>Bluetooth Audio</b>	<b>Yes</b>	<b>Yes</b>
<b>Bluetooth Data</b>	<b>Yes</b>	<b>Yes</b>
<b>Digital Telephony</b>	<b>Yes</b>	<b>Yes</b>
<b>Enhanced Privacy</b>	<b>Yes</b>	<b>Yes</b>
<b>Transmit Interrupt</b>	<b>Yes</b>	<b>Yes</b>
<b>Enhanced Noise Cancellation (SINC+)</b>	<b>Yes</b>	<b>Yes</b>
<b>Receive Audio Leveling</b>	<b>Yes</b>	<b>Yes</b>
<b>Mute Mode</b>	<b>Yes</b>	<b>Yes</b>
<b>Indoor Location</b>	<b>Yes</b>	<b>Yes</b>
<b>Text to Speech</b>	<b>Yes</b>	<b>Yes</b>
<b>Transmit Inhibit</b>	<b>Yes</b>	<b>Yes</b>

#### Systems Supported:

	Capable	Enabled
<b>Analog Conventional</b>	<b>Yes</b>	<b>Yes</b>
<b>Digital Conventional</b>	<b>Yes</b>	<b>Yes</b>
<b>IP Site Connect</b>	<b>Yes</b>	<b>Yes</b>
<b>Capacity Plus</b>	<b>Yes</b>	<b>Yes</b>
<b>Linked Capacity Plus</b>	<b>Yes</b>	<b>Yes</b>
<b>Capacity Max</b>	<b>Optional</b>	<b>Yes</b>
<b>LTR/PassPort</b>	<b>Optional</b>	<b>Optional</b>

#### Notes:

- Premium Features are included as part of the Essential Software Service Package
- Control Station requires external power supply (HPN4007), optional desktop tray, and optional desktop microphone.
- LTR/Passport via 3rd Party Application from Scholer-Johnson. Requires option QA01839
- The XPR 5000e series requires the PMKN4010 Programming Cable or PMKN4016 Programming and Test/Aligning Cable.
- The Handheld Control Head is covered by a 1 year warranty, similar to mobile accessories

## XPR™ 5550e & XPR™ 5580e VHF, UHF & 800/900MHz MOBILES OPTIONS

### RESELLER PRICES

BAND SPLIT	BAND	PWR	CHAN	MODEL	MODEL DESCRIPTION	MSRP
<b>XPR™ 5500e Color Display with Bluetooth, GPS, and Expansion Card - CAPABLE Models</b>						
136-174 MHz	VHF	25-45W	1000	AAM28JQN9WA1AN	XPR 5550e GOB GPS BT/WiFi - CAPABLE	\$1,292.00
403-470 MHz	UHF	25-40W	1000	AAM28QPN9WA1AN	XPR 5550e GOB GPS BT/WiFi - CAPABLE	\$1,352.00
450-512 MHz	UHF	1-40W	1000	AAM28TRN9WA1AN	XPR 5550e GOB GPS BT/WiFi - CAPABLE	\$1,352.00

806-941 MHz	800/900	10-35W (800) 10-30W (900)	1000	AAM28UMN9WA1A N	XPR 5580e GOB GPS BT/WiFi - CAPABLE	\$1,352.00
<b>XPR™ 5500e Color Display with Bluetooth, GPS, and Expansion Card - ENABLED Models</b>						
136-174 MHz	VHF	1-25W	1000	AAM28JNN9RA1AN	XPR 5550e GOB BT/GPS/WiFi - ENABLED	\$1,356.00
136-174 MHz	VHF	25-45W	1000	AAM28JQN9RA1AN	XPR 5550e GOB BT/GPS/WiFi - ENABLED	\$1,445.00
403-470 MHz	UHF	1-25W	1000	AAM28QNN9RA1AN	XPR 5550e GOB BT/GPS/WiFi - ENABLED	\$1,425.00
403-470 MHz	UHF	25-40W	1000	AAM28QPN9RA1AN	XPR 5550e GOB BT/GPS/WiFi - ENABLED	\$1,514.00
450-512 MHz	UHF	1-40W	1000	AAM28TRN9RA1AN	XPR 5550e GOB BT/GPS/WiFi - ENABLED	\$1,514.00
806-941 MHz	800/900	10-35W (800) 10-30W (900)	1000	AAM28UMN9RA1A N	XPR 5580e GOB BT/GPS/WiFi - ENABLED	\$1,514.00

FCC INFORMATION: VHF 25W AZ492FT7082; VHF 45W AZ492FT7081. UHF 25W: AZ492FT7080; UHF 40W: AZ492FT7079; UHF2: AZ492FT7076; 800/900MHz: AZ492FT7083.

**Options: TO COMPLETE AN ORDER YOU MUST CHOOSE ONE (1) OPTION FROM EACH STEP BELOW**

**STEP 1:**

**Microphone Options:**

STDMIC0511 (U/V)S	Standard Compact Microphone (RMN5052)	N/C
GAU0036	Heavy Duty Microphone (RMN5053)	\$40.33
QA02406	Impres 4-way Navigation Keypad Mic (RMN5127)	\$141.17
QA04996	MOTORBO Handheld Control Head with 9.5ft Coiled Cable	\$645.33
B71	Omit Microphone	-\$10.00

**STEP 2:**

**Bracket Options:**

STDBKT0511 (U/V)S	Standard Mounting Bracket (Low Profile - RLN6469)	N/C
B65	Omit Standard Mounting Bracket	-\$4.00

**STEP 3:**

**Cable Options: (Optional RKN4136 Ignition Switch Cable is required for installations requiring ignition sense)**

STDCBL0511 (U/V)S	Standard Power Cable (HKN4191)	N/C
B161	Omit Standard Power Cable	-\$8.00

**STEP 4:**

**Shipping Box Options:**

STDBLK0511 (U/V)S	Standard Model Box	N/C
B842	Bulk Packing (minimum 2 radios per box)	N/C

**STEP 5:**

The XPR Series mobiles ship with a Standard 5-Year Software and Repair option that covers 5 years of software support, a premium feature

**Essential Software Options:**

STDSMA0771	Standard 5 Year SMA and Software Features	N/C
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**Essential Repair Options:**

STDESS0511 (U/V)S	5 Year Essential Repair	N/C
QA00511 (U/V)QA0	Delete Essential Repair (2 Year Warranty Only)	-\$28.93
HA00663	ADD: 5 Year Accidental Damage Repair coverage is expanded to include chemical, liquid and physical damage for the 5 year term on your Motorola Solutions	\$284.17

## XPR™ 5550e & XPR™ 5580e VHF. UHF & 800/900MHz MOBILES OPTIONS

### RESELLER PRICES

#### General Options:

QA01839	LTR/PassPort Enhanced Operation. Factory Installed. Option includes built-in MOTOTRBO Expansion Card and installation of Scholer-Johnson software application license.	\$86.72
	Notes:	
	1) Scholer-Johnson LTR/PassPort application runs on the MOTOTRBO Expansion Card. The application is compatible with both Classic and Enhanced PassPort operation.	
	2) Scholer-Johnson LTR/PassPort application requires winSIppTRBO programming software.	
	3) MOTOTRBO XPR 5500e/7500e series radios require firmware R02.06 version or higher.	
	4) Scholer-Johnson LTR/PassPort application is available only for display portable and mobile models.	
	5) Scholer-Johnson LTR/PassPort application is compatible with FM equipped portables.	
	6) MDC signaling is not currently available in application's conventional or LTR modes of operation for XPR 5500e/7500e series radios.	
	7) Quik Call II signaling is not currently available in application's conventional or LTR modes of operation.	
	8) Trident TrAVL operation using Scholer-Johnson application is not available for XPR 5500e series mobiles.	
	9) Expansion Card draws additional current from radio battery so using a higher capacity battery may be required.	
	10) To purchase aftermarket Scholer-Johnson LTR/PassPort application and winSIppTRBO programming software please contact Scholer-Johnson Inc. at 407 645 5093.	
	11) For Technical support on the LTR/PassPort application please contact Scholer-Johnson Inc. at 407 645 5093.	

#### Premium Software Features (CAPABLE):

HKVN4323	MOTOTRBO Capacity Max FULL Subscriber License	\$167.00
HKVN4381	MOTOTRBO License Wi-Fi	\$125.00
HKVN4249	MOTOTRBO Bluetooth Data and Discoverable Mode	\$50.00
HKVN4432	MOTOTRBO License Indoor Location	\$83.33
HKVN4281	MOTOTRBO Text to Speech	\$10.00
HKVN4493	MOTOTRBO Mute Mode	\$10.00
HKVN4492	MOTOTRBO Receive Audio Leveling	\$3.50
TT3027	Estimate Kit of 3 iBeacons AVAILABLE TO ORDER VIA MOL ONLY	\$120.00
HKVN4384	Authenticated Radio Disable (Required for Target Radio Only)	\$3.50
HKVN4385	Transmit Inhibit	\$3.50

#### Premium Software Feature (ENABLED):

HKVN4432	MOTOTRBO License Indoor Location	\$83.33
HKVN4281	MOTOTRBO Text to Speech	\$10.00
HKVN4493	MOTOTRBO Mute Mode	\$10.00
HKVN4492	MOTOTRBO Receive Audio Leveling	\$3.50
TT3027	Estimate Kit of 3 iBeacons AVAILABLE TO ORDER VIA MOL ONLY	\$120.00
HKVN4384	Authenticated Radio Disable (Required for Target Radio Only)	\$3.50
HKVN4385	Transmit Inhibit	\$3.50

# **Video Security MSRP - USD**

US Pricelist effective July 7, 2022



## Summary Of Changes

- 2021-02-01 : Effective March 1, 2021 increased price to the following accessories. ES-PS-S4, CM-AC-AVIO1, H4-AC-WIFI2-EU
- 2022-06-07 : NVR5 Standard 64TB models and accessories are now available for pre-orders.
- 2022-03-07 : Effective Mar. 7, 2022, in all currencies, price increase on all Video security products by ~7%. This price increase does not apply to the Avigilon NVR4X Standard and Premium servers, H4M camera, and Motorola Solutions' VT100 and VB400 body-worn cameras.
- 2022-04-20 : Effective April 20th, the one time registration fee for access to the ACC SDK and SDK Developer Portal Access will be waived.
- 2021-05-18 : Effective July 4, 2021, Avigilon is increasing prices in all currencies by 2% on video products to help offset a portion of increased supply chain costs
  
- 2021-05-05 : AI Appliance 2 now open for pre-orders
- 2021-05-05 : IP Horn Speaker (ACC-SPEAKER) added to pricelist
- 2021-10-20 : AI NVR Premium is now available for pre-order.
- 2022-04-29 : NVR5 Premium (96TB-224TB) models and accessories are now available for pre-orders.
- 2022-04-22 : NVR5 Premium (252TB-432TB) High-Density Model accessories are now available for pre-orders.
- 2022-03-02 : NVR5 Premium (252TB-432TB) High-Density Models are now shipping and available for orders.
- 2022-05-27 : NVR5 Premium (96TB-224TB) models are now shipping and available for orders.
- 2022-07-05 : Effective Jul. 5, 2022, in all currencies, Motorola Solutions is increasing prices by 6% on all fixed video products due to rising costs. This price increase does not apply to any software-related products, Motorola Solutions' Concealed Weapons Detection solution, body-worn cameras, and any access control products.
- 2021-01-01 : AI NVR added to the price list.

## Accessories

### Encoder

MODEL NUMBER	DESCRIPTION	MSRP \$
ENC-4P-H264	4-Port H.264 Analog Video Encoder with 4 audio support	407.11
ENC-BRK1U	1U Rack Mout Shelf for three Avigilon Analog Video Encoders	64.90

### Sensor

MODEL NUMBER	DESCRIPTION	MSRP \$
APD-MT-WALL1	Optional wVideo or corner Mount for Avigilon Presence Detector	9.43
APD-S1-D	The Avigilon Presence Detector (APD) sensor is a smVideo form factor impulse radar device with self-learning radar analytics that accurately detects the presence of a person even if they have stopped moving or are hidden. It has the ability to detect presence through blankets, cardboard, wood and drywVideo. This sensor is designed for indoor locations such as ATM rooms and other closed indoor vestibules within banks , pharmacies, retail stores, prisons, health care facilities and other environments where privacy and highly accurate detection is needed. APD combined with Avigilon Control Center™ video management software provides an easy-to-deploy discreet surveillance solution to address specific deployment scenarios. Comes with ceiling mount.	1,003.01

### Camera Accessories

MODEL NUMBER	DESCRIPTION	MSRP \$
320SH4ATHC-WARR-EXTEND-1YR	Extended Warranty for QVGA H4 Thermal cameras, 1 year extension	463.91
320SH4ATHC-WARR-EXTEND-2YR	Extended Warranty for QVGA H4 Thermal cameras, 2 years extension	926.66
640SH4ATHC-WARR-EXTEND-1YR	Extended Warranty for VGA H4 Thermal cameras, 1 year extension	831.80
640SH4ATHC-WARR-EXTEND-2YR	Extended Warranty for VGA H4 Thermal cameras, 2 years extension	1,663.87
640SH4ATHD-WARR-EXTEND-1YR	Extended Warranty for H4 Thermal ETD cameras, 1 year extension	448.87
640SH4ATHD-WARR-EXTEND-2YR	Extended Warranty for H4 Thermal ETD cameras, 2 year extension	897.75
ACC-MIC	Omni-directional, low impedance, electret condenser microphone with built-in preamp for producing line level output. It is housed in a high impact ABS dome designed for ceiling or wall mounting. Normal pick-up pattern is approximately 15' from the microphone location, all directions, or within 30' diameter circle. No wiring or plug is provided with the microphone, Avigilon HD Dome Cameras and Analog Encoders with Audio use a 3.5mm plug.	344.57
ACC-SPLIT	POE Splitter for Camera Installation, allows the camera to be powered by the network's POE while opening a direct connection to a laptop for image display.	86.77
APD-WARR-EXTEND-1YR	Extended Warranty for Avigilon Presence Detector, 1 year extension	98.34
APD-WARR-EXTEND-2YR	Extended Warranty for Avigilon Presence Detector, 2 year extension	196.67
AVEGX-OCTEXA3/4C	Barrier cable gland 3/4" NPT armoured cable IECEx ATEX EAC Ex -60/+135°C	151.81
AVO-VSA-DED-CSM-SERV-ANNUAL	AVO VSA Annual Dedicated CSM Service Offering	250,000.00
AVO-VSA-ELITE-SERV-PILOT	Pilot for Elite / Elite Plus Service Offering VSA AVO	258,000.00
AVO-VSA-ENH-TAM-SERV-ANNUAL	AVO VSA Annual Enhanced TAM Service Offering	166,666.66
AVO-VSA-POOL-CSM-SERV-ANNUAL	AVO VSA Annual Pooled CSM Service Offering	166,666.66
AVO-VSA-SEM-SERV-12MO	AVO VSA 12-Month Support Experience Manager Service Offering	83,333.33

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AVO-VSA-SEM-SERV-2YR	AVO VSA 2-Year Support Experience Manager Service Offering	150,000.00
AVO-VSA-SEM-SERV-6MO	AVO VSA 6-Month Support Experience Manager Service Offering	58,333.33
AVO-VSA-STD-TAM-SERV-ANNUAL	AVO VSA Annual Standard TAM Service Offering	116,666.66
BRKTMD-1001	DIN Rail Mount for Modular Camera Main Unit	23.32
BRKTMD-1011	Replacement L Bracket for Modular Camera Microbullet Sensor Head	15.90
BRKTMD-1021	Replacement Flat Bracket for Modular Camera Right Angle Sensor Head	7.42
BRKTMD-1031	Replacement Trimming Bracket for Modular Camera Microbullet Sensor head	7.42
CAM-ACCS-H3-D-PLUG	Replacement H3 Dome NPT Plugs, pack of 6	23.61
CAM-FIPS	FIPS Camera license	10.91
CAM-FIPS-CRYPT-R-L3	MSI CRYPT-R SD with Camera license to enable FIPS Level 3 cryptographic mode on any H5A camera	149.80
CBL2M-1001	2m (6 ft) HD BNC Cable for Modular Camera	58.30
CBL5M-1001	5m (16 ft) HD BNC Cable for Modular Camera	84.80
CM-AC-AVIO1	3.5mm audio and video I/O jack with 1.8m fly wire	18.51
CM-AC-FERR1	Ferrite clamp, for use with H4 Multisensor aux power cable to meet EN-50121-4 compliance. Pack of 5.	28.32
CM-AC-GROM1	Cable sealing grommet for use with 3/4" conduit entry, pack of 10	11.80
CM-MT-WALL1	Pendant wVideo arm for H4 Fisheye (needs H4F-MT-NPTA1), H4SL (needs H4SL-MT-NPTA1), H4 PTZ or H3-xMH-DP-B cameras.	82.61
CNBX-1001	Conduit entry gang box vandal resistant white for corner camera accepts 1/2 and 3/4 inch conduit	134.97
DOME-CLEAR	Replacement dome bubble for JPEG2000 Dome and JPEG2000 Panoramic cameras.	20.07
DOME-CVR-CLEAR	Replacement clear dome bubble and trim for JPEG2000 Panoramic and JPEG2000 dome cameras.	99.12
DOME-IND-CEL	Indoor in-ceiling mount add-on adapter Videoows the camera to be ceiling mounted with only the external clear bubble showing.	112.11
DOME-INDE-PLT	Indoor electrical box mounting plate add-on, Videoows mounting with side cable access and mounting to a 4S electrical box.	23.61
DOME-OD-BASE	Outdoor mounting base add-on, creates an IP66 seal and Videoows conduit connection and pipe mounting.	27.15
DOME-OD-PEND	Indoor/Outdoor pendant mount, creates an IP66 sealed enclosure for connection to industry standard pendant wVideo brackets.	27.15
DOME-SMOKE	Replacement smoked transparent dome and trim for JPEG2000 Panoramic and JPEG2000 dome cameras. Reduces light transmission by 50% compared to the standard clear cover. Not recommended for low light applications.	11.80
ES-HD-CWS	Standard Format Enclosure for cameras with 12VDC/24VDC Vented Cooler, Wall Bracket and Sunshield. Maximum combined camera and lens length is 9.8" (25 cm).	381.77
ES-HD-CWS-LG	Large Format Enclosure for Avigilon HD IP Professional Cameras with 12VDC/24VDC Vented Cooler, Wall Bracket and Sunshield. Maximum combined camera and lens length is 12.8" (32.5 cm).	578.44
ES-HD-HS-XL	Extra Large Format Enclosure for Avigilon HD IP Professional Cameras with 24 VAC Triple fan assisted heater. Maximum combined camera and lens length is 20" (51.9 cm).	1,973.51
ES-HD-HWS	Standard Format Enclosure for cameras with 12VDC/24VAC Heater, Wall Bracket and Sunshield. Maximum combined camera and lens length is 9.8" (25 cm).	260.30
ES-HD-HWS-LG	Large Format Enclosure for Avigilon HD IP Professional Cameras with 12VDC/24VAC Heater, Wall Bracket and Sunshield. Maximum combined camera and lens length is 12.8" (32.5 cm).	480.11
ES-HD-HWS-SM	Standard Format Enclosure for Avigilon HD H.264 IP Cameras with 12VDC/24VAC Heater, Wall Bracket and Sunshield. Maximum combined camera and lens length is 9.8" (25 cm).	173.53
ES-HD-IPM	Optional PoE+ power module. Powers full camera enclosure features and supplies PoE power to camera with a single Ethernet connection. Compatible with ES-HD-HWS, ES-HD-CWS, ES-HD-HWS-LG & ES-HD-CWS-LG. Not compatible with H5 Pro cameras.	271.87

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ES-HD-MNT-ARM	Ceiling arm mount for ES-HD-HWS-SM, ES-HD-HWS, ES-HD-CWS, ES-HD-HWS-LG & ES-HD-CWS-LG.	133.04
ES-HD-MNT-CORNER	Corner mount adapter. Compatible with wVideo arm included with for ES-HD-HWS-SM, ES-HD-HWS, ES-HD-CWS, ES-HD-HWS-LG, ES-HD-CWS-LG or ES-HD-LP-HS enclosures.	75.20
ES-HD-MNT-PAR	Pedestal and ceiling mount for ES-HD-HWS-SM, ES-HD-HWS, ES-HD-CWS, ES-HD-HWS-LG, ES-HD-CWS-LG or ES-HD-LP-HS enclosure.	127.25
ES-HD-MNT-PLATE	Wall reinforcing wVideo plate, compatible with wVideo arm included with for ES-HD-HWS-SM, ES-HD-HWS, ES-HD-CWS, ES-HD-HWS-LG, ES-HD-CWS-LG or ES-HD-LP-HS enclosures.	46.28
ES-HD-MNT-POLE-LG	Large pole mount for pole diameter 210mm (8.2 in) to 225mm (8.85 in). Compatible with wVideo arm included with for ES-HD-HWS-SM, ES-HD-HWS, ES-HD-CWS, ES-HD-HWS-LG, ES-HD-CWS-LG or ES-HD-LP-HS enclosures when used in conjunction with ES-HD-MNT-PLATE.	185.10
ES-HD-MNT-POLE-MD	Medium pole mount for pole diameter 80mm (3 in) to 150mm (5.9 in). Compatible with wVideo arm included with for ES-HD-HWS-SM, ES-HD-HWS, ES-HD-CWS, ES-HD-HWS-LG, ES-HD-CWS-LG or ES-HD-LP-HS enclosures when used in conjunction with ES-HD-MNT-PLATE. Up to two mounting positions.	219.81
ES-HD-MNT-POLE-SM	SmVideo pole mount for pole diameter 60mm (2.5 in) to 110mm (4.3 in). Compatible with wVideo arm included with for ES-HD-HWS-SM, ES-HD-HWS, ES-HD-CWS, ES-HD-HWS-LG, ES-HD-CWS-LG or ES-HD-LP-HS enclosures Up to two mounting positions.	86.77
ES-HD-MNT-WBLA	Ball Joint Wall Arm for ES-HD-HS-XL	937.07
H264ENC-WARR-EXTEND-1YR	Extended Warranty for Analog Video Encoder, 1 year extension	40.49
H264ENC-WARR-EXTEND-2YR	Extended Warranty for Analog Video Encoder, 2 years extension	79.83
H3-BO-JB	Junction box for the H3-BO-IR HD Bullet Cameras	112.11
H3-BO-SHLD1	Replacement sun shield for H3 bullet cameras	17.70
H3-D-CLEAR	Replacement clear transparent cover, includes dome bubble and camera cover for indoor domes.	47.20
H3-D-SMOKE	Replacement smoked transparent cover, includes dome bubble and camera cover for indoor domes. Reduces light transmission by 50% compared to the standard clear cover. Not recommended for low light applications or with the integrated IR illuminator.	47.20
H3-DC-CLEAR	Replacement clear transparent cover, includes dome bubble and camera cover for in-ceiling domes.	47.20
H3-DC-PNL	Metal ceiling panel for use with H3-DC in-ceiling dome cameras to replace or reinforce the existing ceiling tile in suspended ceiling installations.	112.11
H3-DC-SMOKE	Replacement smoked transparent cover, includes dome bubble and camera cover for in-ceiling domes. Reduces light transmission by 50% compared to the standard clear cover. Not recommended for low light applications.	47.20
H3-DOP-CLEAR	Replacement clear transparent cover, includes dome bubble and camera cover for outdoor and pendant domes.	70.80
H3-DOP-SMOKE	Replacement smoked transparent cover, includes dome bubble and camera cover for outdoor and pendant domes. Reduces light transmission by 50% compared to the standard clear cover. Not recommended for low light applications or with the integrated IR illuminator.	70.80
H3-MC-CLER1	Replacement clear transparent cover, includes dome bubble and gray trim for in-ceiling microdomes.	14.15
H3-MC-CLER1-BL	Replacement clear transparent cover, includes dome bubble and black trim for in-ceiling microdomes.	14.15
H3-MH-NPTA1	Replacement female NPT adapter for use with H3 PTZ H4 PTZ and H3 Multisensor cameras.	29.50
H4-AC-WIFI2-NA	WiFi Installation Kit with WiFi USB adapter, micro-USB to USB adapter and TT20 torx driver bit. For use in the following countries: Argentina, Bolivia, Canada, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Taiwan, United States, Uruguay, Venezuela	153.40
H4-BO-DEMO1	Replacement H5A, H4 HD Bullet or H4 Thermal configuration port cover with a female 1/4-20 screw mount for use with tripod head for demo purposes only. Do not use for actual installation.	5.89
H4-BO-JBOX1		106.20

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	Junction box for the H5A Bullet, H4A HD Bullet, H4SL HD Bullet, or H4 Thermal cameras.	
H4-DC-CPNL1	Metal ceiling panel for use with H5A, H4A or H4SL-MT-DCIL1 in-ceiling dome cameras to replace or reinforce the existing ceiling tile in suspended ceiling installations.	112.11
H4-MT-CRNR1	Corner mount adapter for use with H4A-MT-Wall1, H4-BO-JBOX1, H4SL, H4F, H4 PTZ, H4 IR PTZ and H4 Multisensor cameras.	106.20
H4-MT-POLE1	Pole mount adapter for use with H4A-MT-Wall1, H4-BO-JBOX1, H4SL, H4F, H4 PTZ, H4 IR PTZ and H4 Multisensor cameras.	106.20
H4A-AC-GROM1	Cable sealing grommet for use with H5A/H4A dome cameras, pack of 10	11.80
H4A-BO-SHLD1	Replacement sun shield for H5A bullet cameras, H4A bullet cameras and H4 Thermal Cameras.	17.70
H4A-DC-CLER1	Replacement clear transparent cover for H5A/H4A in-ceiling dome camera. Includes dome bubble and grey camera cover.	47.20
H4A-DC-CLER1-BL	Replacement clear transparent cover for H5A/H4A in-ceiling dome camera. Includes dome bubble and black camera cover.	47.20
H4A-DC-SMOK1	Replacement smoked transparent cover for H5A/H4A in-ceiling dome camera. Reduces light transmission by 50%. Not recommended for low light applications or with the integrated IR illuminator. Includes dome bubble and grey camera cover.	47.20
H4A-DC-SMOK1-BL	Replacement smoked transparent cover for H5A/H4A in-ceiling dome camera. Reduces light transmission by 50%. Not recommended for low light applications or with the integrated IR illuminator. Includes dome bubble and black camera cover.	47.20
H4A-DD-CLER1	Replacement clear transparent cover for H5A/H4A indoor dome camera. Includes dome bubble and grey camera cover.	47.20
H4A-DD-CLER1-BL	Replacement clear transparent cover for H5A/H4A indoor dome camera. Includes dome bubble and black camera cover.	47.20
H4A-DD-SDWL1	Replacement sidewVideo knockout plug for H5A/H4A indoor dome cameras, pack of 5	5.89
H4A-DD-SDWL1-BL	Replacement sidewVideo knockout plug for H5A/H4A indoor dome cameras, black, pack of 5	5.89
H4A-DD-SMOK1	Replacement smoked transparent cover for H5A/H4A indoor dome camera. Reduces light transmission by 50%. Not recommended for low light applications or with the integrated IR illuminator. Includes dome bubble and grey camera cover.	47.20
H4A-DD-SMOK1-BL	Replacement smoked transparent cover for H5A/H4A indoor dome camera. Reduces light transmission by 50%. Not recommended for low light applications or with the integrated IR illuminator. Includes dome bubble and black camera cover.	47.20
H4A-DO-CLER1	Replacement clear transparent cover for H5A/H4A outdoor dome camera. Includes dome bubble and grey camera cover.	70.80
H4A-DO-SMOK1	Replacement smoked transparent cover for H5A/H4A outdoor dome camera. Reduces light transmission by 50%. Not recommended for low light applications or with the integrated IR illuminator. Includes dome bubble and grey camera cover.	70.80
H4A-DP-CLER1	Replacement clear transparent cover for H5A/H4A pendant dome camera. Includes dome bubble and grey camera cover.	70.80
H4A-DP-SMOK1	Replacement smoked transparent cover for H5A/H4A pendant dome camera. Reduces light transmission by 50%. Not recommended for low light applications or with the integrated IR illuminator. Includes dome bubble and grey camera cover.	70.80
H4A-MT-NPTA1	NPT adapter for use with H5A/H4A pendant dome cameras	70.80
H4A-MT-WALL1	Wall mount bracket for use with H5A/H4A pendant dome cameras	70.80
H4A-WARR-EXTEND-1YR	Extended Warranty for H4A box, dome and bullet cameras, 1 year extension	119.15
H4A-WARR-EXTEND-2YR	Extended Warranty for H4A box, dome and bullet cameras, 2 years extension	237.16
H4AES-WARR-EXTEND-1YR	Extended Warranty for H4A ES box, dome and bullet cameras, 1 year extension	159.65
H4AES-WARR-EXTEND-2YR	Extended Warranty for H4A ES box, dome and bullet cameras, 2 years extension	319.30
H4AMH-ACCS-CABL1		76.70

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	Replacement cabling accessory kit for H4 Multisensor with audio, external power and I/O pigtail cable connector, RJ45 CAT5E plugs and RJ45 connector water proof gland.	
H4AMH-AD-CEIL1	In-ceiling adapter, must order either a H4AMH-DC-COVR1 or H4AMH-DC-COVR1-SMOKE.	177.00
H4AMH-AD-DOME1	Outdoor surface mount adapter, must order either a H4AMH-DO-COVR1 or H4AMH-DO-COVR1-SMOKE.	188.80
H4AMH-AD-IRIL1	Optional IR illuminator ring, up to 30m (100ft), for use with H4AMH-DO-COVR1.	389.40
H4AMH-AD-PEND1	Outdoor pendant mount adapter, must order one of IRPTZ-MNT-Wall1 or IRPTZ-MNT-NPTA1 and one of H4AMH-DO-COVR1 or H4AMH-DO-COVR1-SMOKE.	188.80
H4AMH-DC-COVR1	In-Ceiling Dome Cover for H4 Multisensor	82.61
H4AMH-DC-COVR1-SMOKE	In-Ceiling Smoke Dome Cover for H4 Multisensor	82.61
H4AMH-DC-CPNL1	Drop Ceiling Metal Panel for H4 Multisensor	129.80
H4AMH-DO-COVR1	Outdoor Dome Cover for H4 Multisensor	188.80
H4AMH-DO-COVR1-SMOKE	Outdoor Smoke Dome Cover for H4 Multisensor	188.80
H4AMH-WARR-EXTEND-1YR	Extended Warranty for H4 Multisensor camera, 1 year extension	219.81
H4AMH-WARR-EXTEND-2YR	Extended Warranty for H4 Multisensor camera, 2 years extensions	439.61
H4F-AC-DESI1	Replacement Dessiccant Packs for H4 Fisheye (Pack of 5)	11.80
H4F-ACCS-KIT1	Replacement Installation Accessories for H4 Fisheye Cameras	35.39
H4F-DO-CVER1	Replacement Top Cover for H4 Fisheye Cameras	188.80
H4F-MT-NPTA1	NPT Adapter for H4 Fisheye Cameras	70.80
H4F-WARR-EXTEND-1YR	Extended Warranty for H4 Fisheye cameras, 1 year extension	101.80
H4F-WARR-EXTEND-2YR	Extended Warranty for H4 Fisheye cameras, 2 years extension	203.62
H4IRPTZ-WARR-EXTEND-1YR	Extended Warranty for H4 IR PTZ cameras, non-moving parts only, 1 year extension	421.11
H4IRPTZ-WARR-EXTEND-2YR	Extended Warranty for H4 IR PTZ cameras, non-moving parts only, 2 years extension	841.06
H4LPC-WARR-EXTEND-1YR	Extended Warranty for H4 LPC camera only, 1 year extension	101.80
H4LPC-WARR-EXTEND-2YR	Extended Warranty for H4 LPC camera only, 2 years extension	203.62
H4M-BZL1-BL	Black surface mount bezel for H4M dome cameras, package of 5	33.08
H4M-BZL1-GRY	Grey surface mount bezel for H4M dome cameras, package of 5.	33.08
H4M-MT-DCIL1	In-Ceiling mount for H4M dome cameras	33.08
H4M-MT-DCIL1-BL	In-Ceiling mount for H4M dome cameras, Black	33.08
H4M-MT-DSPL	Package of 5 Video plates for H4M dome cameras	33.08
H4M-MT-NPTA1	Pendant mount for H4M dome cameras	33.08
H4M-MT-NPTA1-BL	Pendant mount for H4M dome cameras, Black	33.08
H4M-WARR-EXTEND-1YR	Extended Warranty for H4 Mini Dome cameras, 1 year extension	41.65
H4M-WARR-EXTEND-2YR	Extended Warranty for H4 Mini Dome cameras, 2 years extension	82.14
H4PRO-WARR-EXTEND-1YR	Extended Warranty for H4 Pro camera, 1 year extension	629.34
H4PRO-WARR-EXTEND-2YR	Extended Warranty for H4 Pro camera, 2 years extension	1,258.96
H4PTZ-WARR-EXTEND-1YR	Extended Warranty for H4 PTZ cameras, non-moving parts only, 1 year extension	297.32
H4PTZ-WARR-EXTEND-2YR	Extended Warranty for H4 PTZ cameras, non-moving parts only, 2 years extension	594.64
H4SL-AC-CNID1	Conduit Opening Cover, Grey, 5 pack. For H5SL or H4SL dome cameras.	11.80
H4SL-AC-CNPL1	Conduit Plate, Grey for 1/2" 5 pack. For H5SL or H4SL dome cameras.	17.70
H4SL-AC-CNPL2	Conduit Plate, Grey for 3/4" 5 pack. For H5SL or H4SL dome cameras.	17.70
H4SL-AC-COND1	Conduit Cover, Grey, 5 pack. For H5SL or H4SL dome cameras.	11.80
H4SL-AC-GROM1	Rubber grommet cable seal, 10 pack. For H5SL or H4SL dome cameras.	17.70
H4SL-BO-SHLD1	Replacement Sunshield of H5SL/H4SL Bullet Cameras	11.80

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H4SL-D1-BASE	Replacement H5SL or H4SL indoor dome surface mount adapter	47.20
H4SL-DD-CLER1	Replacement clear transparent cover for H5SL or H4SL outdoor dome camera. Includes dome bubble and grey camera cover.	35.39
H4SL-DD-SMOK1	Replacement smoked transparent cover for H5SL or H4SL outdoor dome camera. Reduces light transmission by 50%. Not recommended for low light applications where the integrated IR illuminator is used. Includes dome bubble and grey camera cover.	41.30
H4SL-DI-CLER1	Replacement clear transparent cover for H5SL or H4SL indoor dome camera. Includes dome bubble and grey camera cover.	29.50
H4SL-DI-SMOK1	Replacement smoked transparent cover for H5SL or H4SL indoor dome camera. Reduces light transmission by 50%. Not recommended for low light applications where the integrated IR illuminator is used. Includes dome bubble and grey camera cover.	35.39
H4SL-DO1-BASE	Replacement mounting plate for H5SL or H4SL surface mount dome cameras.	53.11
H4SL-MT-DCIL1	In-Ceiling Adapter for H5SL/H4SL Dome Cameras	35.39
H4SL-MT-NPTA1	NPT Adapter for H5SL/H4SL Dome Cameras	35.39
H4SL-WARR-EXTEND-1YR	Extended Warranty for H4SL dome and bullet cameras, 1 year extension	56.69
H4SL-WARR-EXTEND-2YR	Extended Warranty for H4SL dome and bullet cameras, 2 years extension	113.38
H4VI-AC-RELY1	Safety Relay for H4 Video Intercom	141.61
H4VI-ACCS-KIT1	Replacement installation accessories for H4VI. Includes terminal block plugs and screws.	23.61
H4VI-MT-SURF1	Surface mount adapter for H4 Video Intercom	265.51
H4VI-RO-CVER1	Replacement dome cover for H4VI camera, package of 5	47.20
H4VI-WARR-EXTEND-1YR	Extended Warranty for H4 Video Intercom, 1 year extension	133.04
H4VI-WARR-EXTEND-2YR	Extended Warranty for H4 Video Intercom, 2 years extension	266.08
H5A-FE-ACC-DC-KIT1	Replacement installation accessories for H5A Fisheye In-ceiling Camera. Includes star-shaped screwdriver, power terminal block, rubber grommets and RJ45 grommet piercing cap.	11.34
H5A-FE-ACC-KIT1	Replacement installation accessories for H5A Fisheye Dome Camera. Includes star-shaped screwdriver, power terminal block, rubber grommets, RJ45 grommet piercing cap, conduit shroud and screws	11.34
H5A-FE-DC-CPNL1	Metal ceiling panel for use with H5A Fisheye in-ceiling cameras to replace or reinforce the existing ceiling tile in suspended ceiling installations.	112.22
H5A-FE-DD-CLER1	Package of 3 replacement dome bubble for H5A Fisheye Dome Camera.	44.23
H5A-FE-MT-NPTA1	NPT Adapter For H5A Fisheye Dome Camera (H5A-FE-DO)	70.80
H5AEX-BO-WARR-EXTEND-2YR	2 year extended warranty for H5 Explosion Protected Bullet camera. Must be purchased at the same time as the camera.	1,180.70
H5AEX-CO-WARR-EXTEND-2YR	2 year extended warranty for H5 Explosion Protected Compact Bullet camera. Must be purchased at the same time as the camera.	711.48
H5AEX-PTZ-WARR-EXTEND-2YR	2 year extended warranty for H5 Explosion Protected PTZ camera. Must be purchased at the same time as the camera.	3,239.28
H5DH-DO-CLER1	Replacement Indoor/Outdoor Dome Cover for H5A Dual Head Camera	93.80
H5DH-DO-JBOX1	Junction Box for H5A Dual Head Camera	106.20
H5DH-MT-NPTA1	Pendant adapter for the H5A Dual Head camera. Also compatible with an optional wall arm, CM-MT-WALL1.	70.80
H5M-DO-BZL1	Package of 4 shroud replacement parts for H5M dome cameras	35.39
H5M-MT-DCIL1	In-ceiling mount adapter for H5M dome cameras	35.39
H5PTZ-ACCS-CABL1	H5A PTZ cable gland nut kit. Pack of 10.	109.90
H6M-BZL1-BL	Black surface mount bezel for H6M dome cameras, package of 5	35.54
H6M-BZL1-GRY	Grey surface mount bezel for H6M dome cameras, package of 5	35.54
H6M-MT-DCIL1	In-Ceiling mount for H6M dome cameras	35.54
H6M-MT-DCIL1-BL	In-Ceiling mount for H6M dome cameras, Black	35.54
H6M-MT-NPTA1	Pendant mount for H6M dome camera	35.54
H6M-MT-NPTA1-BL	Pendant mount for H6M dome cameras, Black	35.54

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HALO-SMADAPT	Surface Mount Adapter for HALO IoT Smart Sensor	124.76
HALO-V2.00	HALO IoT Smart Sensor	1,695.63
HALO-V2.00C	HALO IoT Smart Sensor 2C	1,780.80
HD-LP-PS-A	Replacement Power Supply for JPEG2000 LPR Kits	955.81
IND-CEL-PNL	Metal ceiling panel for use with the DOME-IND-CEL to replace or reinforce the existing ceiling tile in suspended ceiling installations.	102.66
IRPTZ-ACCS-CABL1	H4 IRPTZ Replacement Power and I/O Cables	33.04
IRPTZ-MNT-NPTA1	Pedant NPT adapter. For use with H4 IR PTZ or H4A-MH-AD-PEND1 on H4 Multisensor.	64.90
IRPTZ-MNT-WALL1	Pedant wVideo mount adapter. For use with H4 IR PTZ or H4A-MH-AD-PEND1 on H4 Multisensor.	112.11
LEF10040045CA2	Canon 100-400mm f/4.5-f/5.6 Lens. Compatible with Video H4 Pro Cameras.	5,061.93
LEF1506005TA	Tamron 150-600mm f/5-6.3 VC G2 Lens for Pro Camera	3,037.39
LEF163528CA2	Canon 16-35mm f/2.8 Lens for Pro Cameras	4,627.54
LEF20028CA	Canon 200mm f/2.8 lens. Compatible with Video H4 Pro cameras.	2,221.90
LEF2414CA	Canon 24mm f/1.4 lens. Compatible with Video H4 Pro cameras.	4,095.60
LEF247028TA2	Tamron 24-70mm f/2.8 VC Lens for Pro Cameras	2,601.85
LEF2814SI	Sigma 28mm f/1.4 Lens for Pro Cameras	3,037.39
LEF3514TA	Tamron 35mm f/1.4 Lens for Pro Cameras	1,949.69
LEF5012CA	Canon 50mm f/1.2 lens. Compatible with Video H4 Pro cameras.	3,855.15
LEF5014CA	Canon 50mm f/1.4 lens. Compatible with Video H4 Pro cameras.	964.84
LEF5014SI	Sigma 50mm f/1.4 Lens for Pro Cameras	2,054.04
LEF5018CA2	Canon 50mm f/1.8 lens. Compatible with Video H4 Pro cameras.	370.21
LEF7020028TA	Tamron 70-200mm f/2.8 VC G2 Lens for Pro Cameras	2,806.01
LEF7030040CA	Canon 70-300mm f/4-f/5.6 Lens. Compatible with Video H4 Pro Cameras.	1,307.73
LEF8518CA	Canon 85mm f/1.8 lens. Compatible with Video H4 Pro cameras.	1,110.60
LEF9028TA	Tamron 90mm f/2.8 VC Lens for Pro Cameras	1,503.95
LEFS183518SI	Sigma 18-35mm f/1.8 Lens for Pro Cameras. The lens is only compatible with 8-16MP H4 Pro cameras or 8-26MP H5 Pro cameras.	1,735.33
LEFS3014SI	Sigma 30mm f/1.4 Lens for Pro Cameras. The lens is only compatible with 8-16MP H4 Pro cameras or 8-26MP H5 Pro cameras.	1,156.88
MNT-AD-CORNER	Corner mount adapter for use with MNT-PEND-Wall, H3-BO-JB or HD Bullet Camera	106.20
MNT-AD-POLE-B	Pole mount adapter for use with MNT-PEND-Wall, H3-BO-JB or HD Bullet Camera	106.20
MNT-PEND-WALL	Compact wVideo bracket for use with H3PTZ-DP and H3-DP Pendant Dome Cameras	106.20
PRO-ACC-ONSITE-8H	Professional Services, 8 hours on-site consulting	3,710.00
PRO-ACC-REMOTE-4H	ACC Professional Services, 4 hours remote consulting	1,855.00
PRO-ACC-REMOTE-8H	ACC Professional Services, 8 hours remote consulting	3,710.00
PTZH5A-CLER1	H5A PTZ Replacement Clear Bubble Assembly	138.83
PTZH5A-SMOK1	H5A PTZ Replacement Smoked Bubble Assembly	138.83
PTZMH-ACCS-CABL1	Replacement cable accessory and adapter kit for H4 PTZ and HD Multisensor (H3-xMH) pendant mount cameras. Includes waterproof RJ45 connector, M8 2-pin male cable and M12 12-pin female cable.	59.00
PTZMH-DC-CLER1	In-ceiling replacement clear transparent cover, includes dome bubble and camera cover for H4 PTZ and HD Multisensor (H3-xMH) pendant cameras.	141.61
PTZMH-DC-CPNL1	Metal Ceiling panel for H4 PTZ and HD Multisensor cameras.	106.20
PTZMH-DC-SMOK1	Replacement smoked transparent cover, includes dome bubble and camera cover H4 PTZ and HD Multisensor (H3-xMH) In-Ceiling cameras. Reduces light transmission by 50% compared to the standard clear cover. Not recommended for low light applications.	141.61

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PTZMH-DP-CLER1	IK10 replacement clear transparent cover, includes dome bubble and camera cover for H4 PTZ and HD Multisensor (H3-xMH) pendant cameras.	141.61
PTZMH-DP-SMOK1	IK10 replacement smoked transparent cover, includes dome bubble and camera cover for H4 PTZ and HD Multisensor (H3-xMH) pendant cameras. Reduces light transmission by 50% compared to the standard clear cover. Not recommended for low light applications.	141.61
PTZMH-MT-NPTA1	Replacement male NPT adapter for use with H4 PTZ or HD Multisensor (H3-xMH) cameras.	29.50
RLEF20028CA	Refurbished Canon 200mm f/2.8 L lens. Lens may be missing original packaging and documentation. Lens may also contain cosmetic scratches which will not impair its functionality. Available in limited quantities.	1,084.00
RLEF7020028CA	Refurbished Canon 70-200mm f/2.8 L lens. Lens may be missing original packaging and documentation. Lens may also contain cosmetic scratches which will not impair its functionality. Available in limited quantities.	1,807.91

## Storage Accessories

MODEL NUMBER	DESCRIPTION	MSRP \$
ACC-SPEAKER	IP Horn Speaker that integrates with ACC to provide bidirectional audio.	808.66
ACC-SPEAKER-POLE-BANDS	Pair of pole bands for ACC Speaker	45.37
AINVR-HDDS-HOT-12TB	Spare Hard Drive for AINVR-PRM-PLUS-96TB, AINVR-PRM-96TB	1,706.97
AINVR-HDDS-HOT-16TB	Spare Hard Drive for AINVR-PRM-PLUS-160TB, AINVR-PRM-PLUS-128TB, AINVR-PRM-160TB, AINVR-PRM-128TB	2,423.79
AINVR-HDDS-HOT-2TB	Spare Hard Drive for AINVR-VAL-6TB	832.96
AINVR-HDDS-HOT-4TB	Spare Hard Drive for AINVR-VAL-12TB, AINVR-STD-24TB	1,064.34
AINVR-HDDS-HOT-8TB	Spare Hard Drive for AINVR-STD-32TB, AINVR-STD-48TB, AINVR-PRM-64TB, AINVR-PRM-PLUS-64TB	1,764.82
AINVR-PRM-2NDPS-AU	Secondary Power Supply for AI NVR Premium or AI NVR Premium+, AU	793.94
AINVR-PRM-2NDPS-EU	Secondary Power Supply for AI NVR Premium or AI NVR Premium+, EU	793.94
AINVR-PRM-2NDPS-NA	Secondary Power Supply for AI NVR Premium or AI NVR Premium+, NA	793.94
AINVR-PRM-2NDPS-UK	Secondary Power Supply for AI NVR Premium or AI NVR Premium+, UK	793.94
AINVR-SFPPLUS-SR	SFP+ 10GBASE-SR Optical Transceiver (single) for AI NVR	340.26
AINVR-STD-10GBE	Network Card, QP 10G-SFP+ for AI NVR Standard. This network card cannot be used with AINVR-STD-PRK.	1,122.86
AINVR-STD-2NDPS-AU	Secondary Power Supply for AI NVR Standard, AU	647.85
AINVR-STD-2NDPS-EU	Secondary Power Supply for AI NVR Standard, EU	647.85
AINVR-STD-2NDPS-NA	Secondary Power Supply for AI NVR Standard, NA	647.85
AINVR-STD-2NDPS-UK	Secondary Power Supply for AI NVR Standard, UK	647.85
AINVR-STD-PRK	AI NVR Standard Performance Kit. With this kit installed AI NVR Standard can support up to 25 Classified Object Detection channels. AINVR-STD-PRK cannot be used with AINVR-STD-10GBE.	3,345.89
AINVR-VAL-2NDPS-AU	Secondary Power Supply for AI NVR Value, AU	474.32
AINVR-VAL-2NDPS-EU	Secondary Power Supply for AI NVR Value, EU	474.32
AINVR-VAL-2NDPS-NA	Secondary Power Supply for AI NVR Value, NA	474.32
AINVR-VAL-2NDPS-UK	Secondary Power Supply for AI NVR Value, UK	474.32
AVA-HED1-NVR4X-PRM1-CONNECT	AVA Connectivity Kit, 64/96/128/157TB PRM Models	5,530.36
AVA-HED1-NVR4X-STD-CONNECT	AVA Connectivity Kit for STD Models	3,690.69
AVA-HED1-NVR5-CONNECT-A	Kit,AVA Con NVR5STD/PRM 16-224 TB ex STD 2CPU	2,660.64
AVA-HED1-NVR5-CONNECT-B	KIT,AVA Connectivity, NVR5 PRM 252TB+	3,005.10
AVA-SAN-CONNECT-1	Kit, AVA SAN Con 1x AVA Tsc & FC	425.61
AVA-SAN-CONNECT-8	Kit, AVA SAN Con 8x AVA Tsc & FC	3,404.89
DINPS-240W-RPA-RGD-8P	Din Mount Power Supply for ES 8-Port Rugged Appliance, 24VDC, 240W	118.00
HD-NVR-ANK2-1		1,156.42

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	Analytics Kit for Appearance Search and Face Recognition, NVR4 Value or any NVR3 models	
HD-NVR2-W10UPG	Windows 7 to Windows 10 Upgrade for NVR2	289.22
HD-NVR3-PRM-2NDCPU	2nd CPU + Heatsink + 2x 8GB RAM, NVR3 Premium	2,395.43
HD-NVR3-PRM-2NDPS-AU	Power Supply for NVR3 Premium with an Australian power cord, 750W	537.95
HD-NVR3-PRM-2NDPS-NA	Power Supply for NVR3 Premium with an North American power cord, 750W	537.95
HD-NVR3-PRM-2NDPS-UK	Power Supply for NVR3 Premium with an United Kingdom power cord, 750W	537.95
HD-NVR3-SFPPLUS-DA	SFP+ 10GbE Transceiver at each end of Twinax Direct Attach Copper Cable, 3m	150.39
HD-NVR3-SFPPLUS-SR	SFP+ 10GBASE-SR Optical Transceiver (single)	341.28
HD-NVR3-STD-10GBE	NETWORK CARD, DP 10G-SFP+, NVR3 Standard	902.37
HD-NVR3-STD-2NDCPU	2nd CPU + Heatsink + 2x 8GB RAM, NVR3 Standard	2,134.56
HD-NVR3-STD-2NDPS-AU	Power Supply for NVR3 Standard with an Australian power cord, 750W	537.95
HD-NVR3-STD-2NDPS-NA	Power Supply for NVR3 Standard with an North American power cord, 750W	537.95
HD-NVR3-STD-2NDPS-UK	Power Supply for NVR3 Standard with an United Kingdom power cord, 750W	537.95
HD-NVR3-VAL-2NDPS-AU	Power Supply for NVR3 Value with an Australian power cord, 350W	474.32
HD-NVR3-VAL-2NDPS-NA	Power Supply for NVR3 Value with an North American power cord, 350W	474.32
HD-NVR3-VAL-2NDPS-UK	Power Supply for NVR3 Value with an United Kingdom power cord, 350W	474.32
HD-NVR3-W10UPG	Windows 10 (LTSB 1607) upgrade kit for NVR3-STD, NVR3-VAL, NVRWS3 and RMWS3	289.22
HD-NVR4-PRM-2NDCPU	2nd CPU + Heatsink + 2x 16GB RAM, NVR4 Premium	3,060.00
HD-NVR4-PRM-2NDPS-AU	Power Supply for NVR4 Premium with an Australian power cord, 1100W	537.95
HD-NVR4-PRM-2NDPS-NA	Power Supply for NVR4 Premium with an North American power cord, 1100W	537.95
HD-NVR4-PRM-2NDPS-UK	Power Supply for NVR4 Premium with an United Kingdom power cord, 1100W	537.95
HD-NVR4-SFPPLUS-DA	SFP+ 10GbE Transceiver at each end of Twinax Direct Attach Copper Cable, 3m	150.39
HD-NVR4-SFPPLUS-SR	SFP+ 10GBASE-SR Optical Transceiver (single)	341.28
HD-NVR4-STD-10GBE	Network Card, DP 10G-SFP+, NVR4 Standard	763.54
HD-NVR4-STD-2NDCPU	2nd CPU + Heatsink + 2x 8GB RAM, NVR4 Standard	1,882.00
HD-NVR4-STD-2NDPS-AU	Power Supply for NVR4 Standard with an Australian power cord, 750W	537.95
HD-NVR4-STD-2NDPS-NA	Power Supply for NVR4 Standard with an North American power cord, 750W	537.95
HD-NVR4-STD-2NDPS-UK	Power Supply for NVR4 Standard with an United Kingdom power cord, 750W	537.95
IDRAC8-ENT-UPG	IDRAC 8 Enterprise Upgrade for NVR3 Models	775.11
IDRAC9-ENT-UPG	IDRAC 9 Enterprise Upgrade for AI NVR, NVR4X, or AIA	775.11
NVR3-HDDN-HOT-10TB	Spare Hard Drive, 10TB, Front/Rear Bay, NLSAS compatible with NVR3-PRM-137TB	2,701.66
NVR3-HDDN-HOT-4TB	Spare Hard Drive, 4TB, Front/Rear Bay, NLSAS compatible with NVR3-STD-24TB	1,354.23
NVR3-HDDN-INT-10TB	Spare Hard Drive, 10TB, Internal Bay, NLSAS compatible with NVR3-PRM-137TB	2,660.83
NVR3-HDDS-HOT-2TB	Spare Hard Drive, 2TB, Front/Rear Bay, SATA compatible with NVR3-VAL-6TB, Gen 2	775.11
NVR4-HDDN-HOT-4TB	Spare Hard Drive, 4TB, Front/Rear Bay, NLSAS compatible with NVR4-PRM-64TB	1,354.23
NVR4-HDDN-INT-10TB	Spare Hard Drive, 10TB, Internal Bay, NLSAS compatible with NVR4-PRM-157TB	2,626.81
NVR4-HDDN-INT-4TB		1,272.57

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	Spare Hard Drive, 4TB, Internal Bay, NLSAS compatible with NVR4-PRM-64TB	
NVR4-HDDN-INT-8TB	Spare Hard Drive, 8TB, Internal Bay, NLSAS compatible with NVR4-PRM-128TB, NVR4-PRM-96TB	2,082.39
NVR4-HDDS-HOT-12TB	HARD DRIVE, 12TB, Ext, Caddy	1,706.97
NVR4-HDDS-HOT-16TB	HARD DRIVE, 16TB, Ext, Caddy	2,423.79
NVR4-HDDS-HOT-2TB	Spare Hard Drive, 2TB, Front/Rear Bay, SATA compatible with NVR4-VAL-6TB	832.96
NVR4-HDDS-HOT-4TB	Spare Hard Drive, 4TB, Front/Rear Bay, SATA compatible with NVR4-STD-24TB, NVR4-STD-16TB, NVR4-VAL-12TB	1,064.34
NVR4-HDDS-HOT-8TB	Spare Hard Drive, 8TB, Front/Rear Bay, SATA compatible with NVR4-STD-48TB, NVR4-STD-32TB, NVR4-VAL-24TB, NVR4-VAL-16TB	1,764.82
NVR4-HDDS-INT-16TB	HARD DRIVE, 16TB, Int	2,331.92
NVR4-HDDS-PACK-16TB	Storage Expansion Pack to add 16TB of effective storage to NVR4-STD-32TB or NVR4-STD-16TB	6,362.86
NVR4-HDDS-PACK-32TB	Storage Expansion Pack to add 32TB of effective storage to NVR4-STD-32TB or NVR4-STD-16TB	10,585.49
NVR4-S16-COA	Windows Server 2016 license for NVR4-STD/NVR4X-STD. Required to upgrade from Windows 10 LTSB to Windows Server 2016. Package includes the Windows 2016 COA license and activation key. The OS installation files are obtained via direct download.	1,522.10
NVR4-S19-COA	Windows Server 2019 Field Upgrade Kit for NVR4/NVR4X. Compatible with NVR4-VAL, NVR4-STD, NVR4-PRM, NVR4X-STD and NVR4X-PRM. Required to upgrade from Windows 10 LTSB or Windows Server 2016 to Windows Server 2019. Package includes the Upgrade USB drive and the Windows 2019 COA license and activation key.	1,644.59
NVR4-VAL-10GBE	Network Card, DP 10G-SFP+, NVR4 Value	861.88
NVR4-VAL-2NDPS-AU	Power Supply for NVR4 Value with an Australian power cord, 350W	474.32
NVR4-VAL-2NDPS-EU	Power Supply for NVR4 Value with an European power cord, 350W	474.32
NVR4-VAL-2NDPS-NA	Power Supply for NVR4 Value with an North American power cord, 350W	474.32
NVR4-VAL-2NDPS-UK	Power Supply for NVR4 Value with an United Kingdom power cord, 350W	474.32
NVR4X-1100W-2NDPS-AU	PSU, Second HS, 1100W, w/ POWERCORD Australia	578.44
NVR4X-1100W-2NDPS-EU	PSU, Second HS, 1100W, w/ POWERCORD EU	578.44
NVR4X-1100W-2NDPS-NA	PSU, Second HS, 1100W, w/ POWERCORD NA	578.44
NVR4X-1100W-2NDPS-UK	PSU, Second HS, 1100W, w/ POWERCORD UK	578.44
NVR4X-750W-2NDPS-AU	PSU, Second HS, 750W, w/ POWERCORD Australia	537.95
NVR4X-750W-2NDPS-EU	PSU, Second HS, 750W, w/ POWERCORD EU	537.95
NVR4X-750W-2NDPS-NA	PSU, Second HS, 750W, w/ POWERCORD NA	537.95
NVR4X-750W-2NDPS-UK	PSU, Second HS, 750W, w/ POWERCORD UK	537.95
NVR4X-PRM-2NDCPU	2nd CPU for NVR4X PRM -- includes 2x memory modules	3,470.65
NVR4X-SFPPLUS-SR	SFP+ 10GBASE-SR Optical Transceiver (single) for NVR4X	341.28
NVR4X-STD-10GBE	Low Profile Network Card, DP 10G-SFP+, NVR4X STD	763.54
NVR5-10GBASET-A1	KIT,X710,10G-BT LP,QP,NVR5STD/PRM	2,192.61
NVR5-10GBASET-A2	KIT,X710,10G-BT FH,QP,NVR5PRM192/224TB	2,192.61
NVR5-10GBASET-B	KIT,10G-BaseT Low Profile,Dual Port,NVR5 PRM 252TB+	1,193.56
NVR5-AVA-SAN-CONNECT-A	Kit,NVR5 AVA SAN Con,STD/PRM 16-224 TB ex CPU	1,900.62
NVR5-AVA-SAN-CONNECT-B	KIT,NVR5 AVA SAN Connectivity,PRM 252TB+	2,661.66
NVR5-HDD-HOT-4TB	HDD,4TB,Ext,Caddy,NVR5 STD16/24TB	1,064.34
NVR5-HDD-HOT-8TB	HDD,8TB,Ext,Caddy,NVR5 STD32-64TB	1,764.82
NVR5-HDDS-HOT-12TB	HDD,12TB,Ext,Caddy,NVR5 PRM 96TB	2,465.30
NVR5-HDDS-HOT-16TB-A1	HDD,16TB,Ext,Caddy,NVR5 PRM 128/160TB	5,006.91
NVR5-HDDS-HOT-16TB-A2	HDD,16TB,Ext,Caddy,NVR5 PRM 192/224TB	5,006.91
NVR5-HDDS-HOT-18TB	HDD,18TB,Ext,Caddy,NVR5 PRM 252TB+	5,144.18

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NVR5-HDDS-INT-16TB	HDD,16TB,Int,NVR5 PRM 192/224TB	3,294.00
NVR5-PRM-2NDCPU	KIT, 2nd CPU, 6x8GB, NVR5 PRM 192/224TB	7,683.74
NVR5-PSU-1000W-AU	Redundant, hot-swappable 1000W power supply for NVR5 PRM 252TB+, AU	1,459.62
NVR5-PSU-1000W-EU	Redundant, hot-swappable 1000W power supply for NVR5 PRM 252TB+, EU	1,459.62
NVR5-PSU-1000W-NA	Redundant, hot-swappable 1000W power supply for NVR5 PRM 252TB+, NA	1,459.62
NVR5-PSU-1000W-UK	Redundant, hot-swappable 1000W power supply for NVR5 PRM 252TB+, UK	1,459.62
NVR5-PSU-1100W-A1-AU	PSU, 1100W, NVR5 PRM 96-160TB, AU	857.01
NVR5-PSU-1100W-A1-EU	PSU, 1100W, NVR5 PRM 96-160TB, EU	857.01
NVR5-PSU-1100W-A1-NA	PSU, 1100W, NVR5 PRM 96-160TB, NA	857.01
NVR5-PSU-1100W-A1-UK	PSU, 1100W, NVR5 PRM 96-160TB, UK	857.01
NVR5-PSU-1100W-A2-AU	PSU, 1100W, NVR5 PRM 192/224TB, AU	857.01
NVR5-PSU-1100W-A2-EU	PSU, 1100W, NVR5 PRM 192/224TB, EU	857.01
NVR5-PSU-1100W-A2-NA	PSU, 1100W, NVR5 PRM 192/224TB, NA	857.01
NVR5-PSU-1100W-A2-UK	PSU, 1100W, NVR5 PRM 192/224TB, UK	857.01
NVR5-PSU-800W-AU	PSU, 800W, NVR5 STD, AU	393.26
NVR5-PSU-800W-EU	PSU, 800W, NVR5 STD, EU	393.26
NVR5-PSU-800W-NA	PSU, 800W, NVR5 STD, NA	393.26
NVR5-PSU-800W-UK	PSU, 800W, NVR5 STD, UK	393.26
NVR5-RAM-16GB-A	KIT, 2x8GB, NVR5 STD,PRM	1,590.00
NVR5-RAM-16GB-B	KIT, 2x8GB RAM, NVR5 PRM 252TB+	827.86
NVR5-SFPPLUS-DA	KIT,10G SFP+ SR DA,NVR5 STD/PRM	240.20
NVR5-SFPPLUS-LR-A	KIT,10G SFP+ LR Tsc,NVR5 STD/PRM	1,927.88
NVR5-SFPPLUS-LR-B	KIT,10G SFP+ LR Transceivers, NVR5 PRM 252TB+	1,869.84
NVR5-SFPPLUS-SR-A	KIT,10G SFP+ SR Tsc,NVR5 STD/PRM	380.01
NVR5-SFPPLUS-SR-B	KIT,10G SFP+ SR Transceivers, NVR5 PRM 252TB+	897.82
NVR5-STD-10GBE	KIT,X710,10G-SFP+ OCP,DP,NVR5 STD	763.54
NVR5-STD-2NDCPU	KIT, 2nd CPU, 2x8GB, NVR5 STD	3,258.39
PRO-ACC-ONSITE-TRN		162.02
PS-180W-ENVR1-8P	Power Supply for ES 8-Port Appliance, 180W	156.06
PS-220W-RPA-RGD-8P-AU	Power Supply for ES 8-Port Rugged Appliance with an Australian power cord, 220W	342.21
PS-220W-RPA-RGD-8P-EU	Power Supply for ES 8-Port Rugged Appliance with an European power cord, 220W	342.21
PS-220W-RPA-RGD-8P-NA	Power Supply for ES 8-Port Rugged Appliance with an North American power cord, 220W	342.21
PS-220W-RPA-RGD-8P-UK	Power Supply for ES 8-Port Rugged Appliance with an United Kingdom power cord, 220W	342.21
PS-270W-AS3-8P	Power Supply for HDVA3 8-Port, 270W	271.40
PS-920W-AS3-16/24P	Power Supply for HDVA3 16/24-Port, 920W	489.71
RAILS-B-AS3-16/24P	Mounting Rails for HDVA3 16/24-Port	76.70
RMS1U-A-ENVR1-8P	1U Rack Mount Shelf for up to two ES 8-Port Appliance	374.07
RMS1U-B-AS3-8P	1U Rack mount shelf for HDVA3 8-port. Adjustable to fit 641mm to 910mm rack depth.	159.30
SSD-2TB-RPA-RGD	2TB Solid State Drive for VMA-RPA-RGD-8P2	1,309.10
SSD-4TB-RPA-RGD	4TB Solid State Drive for VMA-RPA-RGD-8P4	2,756.00
VMA-AIA-2NDPS-AU	2nd Power Supply for AI Appliance with an Australian power cord	548.72
VMA-AIA-2NDPS-NA	2nd Power Supply for AI Appliance with an North American power cord	548.72

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VMA-AIA-2NDPS-UK	2nd Power Supply for AI Appliance with an United Kingdom power cord	548.72
VMA-AIA2-2NDPS-AU	Secondary Power Supply for AI Appliance 2, AU	537.61
VMA-AIA2-2NDPS-EU	Secondary Power Supply for AI Appliance 2, EU	537.61
VMA-AIA2-2NDPS-NA	Secondary Power Supply for AI Appliance 2, NA	537.61
VMA-AIA2-2NDPS-UK	Secondary Power Supply for AI Appliance 2, UK	537.61
VMA-AIA2-WARR-EXTEND-2YR	2 Year Warranty Extension for AI Appliance 2	1,156.88
VMA-AS1-W10UPG	Windows 10 (LTSB 1607) upgrade kit for AS1 models	295.01
VMA-AS3-ANK	Analytics Kit for Appearance Search and Face Recognition, HDVA3 16/24-port	1,156.42
VMA-AS3-HDD02	HDVA3 2TB Hard Drive for VMA-AS3-8P2, VMA-AS3-16P06	200.61
VMA-AS3-HDD03	HDVA3 3TB Hard Drive for VMA-AS3-16P09	241.90
VMA-AS3-HDD04	HDVA3 4TB Hard Drive for VMA-AS3-8P4, VMA-AS3-16P12	318.60
VMA-AS3-HDD06	HDVA3 6TB Hard Drive for VMA-AS3-24P18	454.31
VMA-AS3-HDD08	HDVA3 8TB Hard Drive for VMA-AS3-8P8, VMA-AS3-24P24	584.11
VMA-RPX-4PPS-90	Power Supply for ES HD Recorder or ES Analytics Appliance, 90W	177.00
VMA-RPX-4PRMS1U	1U Rack Mount Shelf for ES HD Recorder or ES Analytics Appliance	283.21
WKS-RACK	4 Post Rack Shelf for three NVR4-WKS or RM5-WKS, 7U	474.32

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# Camera

## Box

MODEL NUMBER	DESCRIPTION	MSRP \$
1.0C-H4A-12G-B1	1.0 Megapixel (720p) WDR, LightCatcher, Day/Night, 4.7-84.6mm f/1.6 lens, Self-Learning Video Analytics, 128GB Built-in SSD	1,670.54
1.0C-H4A-B2-B	1.0 Megapixel (720p) WDR, LightCatcher, Day/Night, 3-9mm f/1.3 P-iris lens, Self-Learning Video Analytics	826.02
2.0C-H4A-25G-B1	2.0 Megapixel (1080p) WDR, LightCatcher, Day/Night, 4.7-84.6mm f/1.6 lens, Self-Learning Video Analytics, 256GB Built-in SSD	2,024.55
2.0C-H5A-B1	2.0 MP (1080p) WDR, LightCatcher, Day/Night, 4.7-84.6mm f/1.6 lens, Next-Generation Analytics	997.12
2.0C-H5A-B2	2.0 MP (1080p) WDR, LightCatcher, Day/Night, 3.3-9mm f/1.3 P-iris lens, Next-Generation Analytics	944.01
3.0C-H4A-25G-B1	3.0 Megapixel WDR, LightCatcher, Day/Night, 4.7-84.6mm f/1.6 lens, Self-Learning Video Analytics, 256GB Built-in SSD	2,313.77
3.0C-H4A-25G-B1-B	3.0 Megapixel WDR, LightCatcher, Day/Night, 4.7-84.6mm f/1.6 lens, Self-Learning Video Analytics, 256GB Built-in SSD	2,313.77
3.0C-H4A-B2-B	3.0 Megapixel WDR, LightCatcher, Day/Night, 3-9mm f/1.3 P-iris lens, Self-Learning Video Analytics	985.31
3.0C-H4A-B3	3.0 Megapixel WDR, LightCatcher, Day/Night, 9-22mm f/1.6 P-iris lens, Self-Learning Video Analytics	1,032.51
4.0C-H5A-B2	4.0 MP WDR, LightCatcher, Day/Night, 3.3-9mm f/1.3 lens, Next-Generation Analytics	1,111.58
4.0C-H5A-B3	4.0 MP WDR, LightCatcher, Day/Night, 9-22mm f/1.6 lens, Next-Generation Analytics	1,158.78
6.0C-H5A-B2	6.0 MP WDR, LightCatcher, Day/Night, 4.9-8mm f/1.8 lens, Next-Generation Analytics	1,280.67
8.0C-H5A-B2	8.0 MP (4K) WDR, LightCatcher, Day/Night, 4.9-8mm f/1.8 lens, Next-Generation Analytics	1,534.03

## Bullet

MODEL NUMBER	DESCRIPTION	MSRP \$
1.0C-H4A-12G-BO1-IR	1.0 Megapixel (720p) WDR, LightCatcher, 3-9mm f/1.3 P-iris lens, Integrated IR, Self-Learning Video Analytics, 128GB Built-in SSD	1,711.03
1.0C-H4A-12G-BO1-IR-B	1.0 Megapixel (720p) WDR, LightCatcher, 3-9mm f/1.3 P-iris lens, Integrated IR, Self-Learning Video Analytics, 128GB Built-in SSD	1,711.03
1.0C-H4A-12G-BO2-IR	1.0 Megapixel (720p) WDR, LightCatcher, 9-22mm f/1.6 P-iris lens, Integrated IR, Self-Learning Video Analytics, 128GB Built-in SSD	1,770.03
1.0C-H4A-12G-BO2-IR-B	1.0 Megapixel (720p) WDR, LightCatcher, 9-22mm f/1.6 P-iris lens, Integrated IR, Self-Learning Video Analytics, 128GB Built-in SSD	1,770.03
1.0C-H4A-BO2-IR-B	1.0 Megapixel (720p) WDR, LightCatcher, 9-22mm f/1.6 P-iris lens, Integrated IR, Self-Learning Video Analytics	1,109.23
1.3C-H5SL-BO1-IR	1.3 MP, WDR, LightCatcher, Day/Night, Indoor/Outdoor Bullet Camera, 3.1-8.4mm f/1.6, Integrated IR	554.61
2.0C-H4A-25G-BO1-IR-B	2.0 Megapixel (1080p) WDR, LightCatcher, 3-9mm f/1.3 P-iris lens, Integrated IR, Self-Learning Video Analytics, 256GB Built-in SSD	2,065.04
2.0C-H4A-25G-BO2-IR-B	2.0 Megapixel (1080p) WDR, LightCatcher, 9-22mm f/1.6 P-iris lens, Integrated IR, Self-Learning Video Analytics, 256GB Built-in SSD	2,124.04
2.0C-H4A-BO2-IR-B	2.0 Megapixel (1080p) WDR, LightCatcher, 9-22mm f/1.6 P-iris lens, Integrated IR, Self-Learning Video Analytics	1,227.46

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2.0C-H5A-BO1-IR	2.0 MP (1080p) WDR, LightCatcher, 3.3-9mm f/1.3 P-iris lens, Integrated IR, Next-Generation Analytics	1,180.02
2.0C-H5A-BO2-IR	2.0 MP (1080p) WDR, LightCatcher, 9-22mm f/1.6 P-iris lens, Integrated IR, Next-Generation Analytics	1,227.46
2.0C-H5SL-BO1-IR	2.0 MP, WDR, LightCatcher, Day/Night, Indoor/Outdoor Bullet Camera, 3.1-8.4mm f/1.6, Integrated IR	613.61
3.0C-H4A-25G-BO1-IR-B	3.0 Megapixel WDR, LightCatcher, 3-9mm f/1.3 P-iris lens, Integrated IR, Self-Learning Video Analytics, 256GB Built-in SSD	2,354.26
3.0C-H4A-25G-BO2-IR-B	3.0 Megapixel WDR, LightCatcher, 9-22mm f/1.6 P-iris lens, Integrated IR, Self-Learning Video Analytics, 256GB Built-in SSD	2,413.26
3.0C-H5SL-BO1-IR	3.0 MP, WDR, LightCatcher, Day/Night, Indoor/Outdoor Bullet Camera, 3.1-8.4mm f/1.6, Integrated IR	672.61
3.0C-H5SL-BO2-IR	3.0 MP, WDR, LightCatcher, Day/Night, Indoor/Outdoor Bullet Camera, 9.5-31mm f/1.4, Integrated IR	731.61
4.0C-H5A-BO1-IR	4.0 MP WDR, LightCatcher, 3.3-9mm f/1.3 P-iris lens, Integrated IR, Next-Generation Analytics	1,347.77
4.0C-H5A-BO2-IR	4.0 MP WDR, LightCatcher, 9-22mm f/1.6 P-iris lens, Integrated IR, Next-Generation Analytics	1,395.20
5.0C-H5A-BO2-IR	5.0 MP WDR, LightCatcher, 9-22mm f/1.6 P-iris lens, Integrated IR, Next-Generation Analytics	1,469.24
5.0C-H5SL-BO1-IR	5.0 MP, WDR, LightCatcher, Day/Night, Indoor/Outdoor Bullet Camera, 3.1-8.4mm f/1.6, Integrated IR	790.61
5.0C-H5SL-BO2-IR	5.0 MP, WDR, LightCatcher, Day/Night, Indoor/Outdoor Bullet Camera, 9.5-31mm f/1.4, Integrated IR	849.62
6.0C-H5A-BO1-IR	6.0 MP WDR, LightCatcher, 4.9-8mm f/1.8 P-iris lens, Integrated IR, Next-Generation Analytics	1,516.68
8.0C-H5A-BO1-IR	8.0 MP (4K) WDR, LightCatcher, 4.9-8mm f/1.8 P-iris lens, Integrated IR, Next-Generation Analytics	1,770.03

## Dome

MODEL NUMBER	DESCRIPTION	MSRP \$
1.0C-H4A-12G-DO1-IR	1.0 Megapixel (720p) WDR, LightCatcher, Day/Night, Outdoor Dome, 3-9mm f/1.3 P-iris lens, Integrated IR, Self-Learning Video Analytics, 128GB Built-in SSD	1,508.58
1.0C-H4A-12G-DO1-IR-B	1.0 Megapixel (720p) WDR, LightCatcher, Day/Night, Outdoor Dome, 3-9mm f/1.3 P-iris lens, Integrated IR, Self-Learning Video Analytics, 128GB Built-in SSD	1,711.03
1.0C-H4A-12G-DP1-IR	1.0 Megapixel (720p) WDR, LightCatcher, Day/Night, Outdoor Dome, 3-9mm f/1.3 P-iris lens, Integrated IR, Self-Learning Video Analytics, 128GB Built-in SSD. Must use with a H4A-MT-Wall1 or H4A-MT-NPTA1.	1,508.58
1.0C-H4A-12G-DP1-IR-B	1.0 Megapixel (720p) WDR, LightCatcher, Day/Night, Outdoor Dome, 3-9mm f/1.3 P-iris lens, Integrated IR, Self-Learning Video Analytics, 128GB Built-in SSD. Must use with a H4A-MT-Wall1 or H4A-MT-NPTA1.	1,711.03
1.0C-H4A-DO1-IR-B	1.0 Megapixel (720p) WDR, LightCatcher, Day/Night, Outdoor Dome, 3-9mm f/1.3 P-iris lens, Integrated IR, Self-Learning Video Analytics	1,062.02
1.3C-H5SL-D1	1.3 MP, WDR, LightCatcher, Day/Night, Indoor Dome, 3-9mm f/1.4	424.81
1.3C-H5SL-D1-IR	1.3 MP, WDR, LightCatcher, Day/Night, Indoor Dome, 3-9mm f/1.4, Integrated IR	466.11
1.3C-H5SL-DO1-IR	1.3 MP, WDR, LightCatcher, Day/Night, Outdoor Dome, 3.1-8.4mm f/1.6, Integrated IR	554.61
2.0C-H4A-25G-DO1-IR-B	2.0 Megapixel (1080p) WDR, LightCatcher, Day/Night, Outdoor Dome, 3-9mm f/1.3 P-iris lens, Integrated IR, Self-Learning Video Analytics, 256GB Built-in SSD	2,065.04
2.0C-H4A-25G-DP1-IR	2.0 Megapixel (1080p) WDR, LightCatcher, Day/Night, Outdoor Dome, 3-9mm f/1.3 P-iris lens, Integrated IR, Self-Learning Video Analytics, 256GB Built-in SSD. Must use with a H4A-MT-Wall1 or H4A-MT-NPTA1.	1,820.70
2.0C-H4A-25G-DP1-IR-B	2.0 Megapixel (1080p) WDR, LightCatcher, Day/Night, Outdoor Dome, 3-9mm f/1.3 P-iris lens, Integrated IR, Self-Learning Video Analytics, 256GB Built-in SSD. Must use with a H4A-MT-Wall1 or H4A-MT-NPTA1.	2,065.04
2.0C-H4A-D2-B		991.23

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	2.0 Megapixel (1080p) WDR, LightCatcher, Day/Night, Indoor Dome, 9-22mm f/1.6 P-iris lens, Self-Learning Video Analytics	
2.0C-H4A-DO2-B	2.0 Megapixel (1080p) WDR, LightCatcher, Day/Night, Outdoor Dome, 9-22mm f/1.6 P-iris lens, Self-Learning Video Analytics	1,168.23
2.0C-H4A-DP2-B	2.0 Megapixel H4 HD Dome Cameras with Self-Learning Video Analytics	1,097.42
2.0C-H5A-D1	2.0 MP (1080p) WDR, LightCatcher, Day/Night, Indoor Dome, 3.3-9mm f/1.3 P-iris lens, Next-Generation Analytics	944.01
2.0C-H5A-D1-IR	2.0 MP (1080p) WDR, LightCatcher, Day/Night, Indoor Dome, 3.3-9mm f/1.3 P-iris lens, Integrated IR, Next-Generation Analytics	1,003.01
2.0C-H5A-D2	2.0 MP (1080p) WDR, LightCatcher, Day/Night, Indoor Dome, 9-22mm f/1.6 P-iris lens, Next-Generation Analytics	991.23
2.0C-H5A-DC1	2.0 MP (1080p) WDR, LightCatcher, Day/Night, In-Ceiling Dome, 3.3-9mm f/1.3 P-iris lens, Next-Generation Analytics	1,003.01
2.0C-H5A-DC1-IR	2.0 MP (1080p) WDR, LightCatcher, Day/Night, In-Ceiling Dome, 3.3-9mm f/1.3 P-iris lens, Integrated IR, Next-Generation Analytics	1,062.02
2.0C-H5A-DC2	2.0 MP (1080p) WDR, LightCatcher, Day/Night, In-Ceiling Dome, 9-22mm f/1.6 P-iris lens, Next-Generation Analytics	1,050.23
2.0C-H5A-DO1	2.0 MP (1080p) WDR, LightCatcher, Day/Night, Outdoor Dome, 3.3-9mm f/1.3 P-iris lens, Next-Generation Analytics	1,121.02
2.0C-H5A-DO1-IR	2.0 MP (1080p) WDR, LightCatcher, Day/Night, Outdoor Dome, 3.3-9mm f/1.3 P-iris lens, Integrated IR, Next-Generation Analytics	1,180.02
2.0C-H5A-DO2	2.0 MP (1080p) WDR, LightCatcher, Day/Night, Outdoor Dome, 9-22mm f/1.6 P-iris lens, Next-Generation Analytics	1,168.23
2.0C-H5A-DP1	2.0 MP (1080p) WDR, LightCatcher, Day/Night, Pendant Dome, 3.3-9mm f/1.3 P-iris lens, Next-Generation Analytics. Must use with a H4A-MT-Wall1 or H4A-MT-NPTA1.	1,050.23
2.0C-H5A-DP1-IR	2.0 MP (1080p) WDR, LightCatcher, Day/Night, Pendant Dome, 3.3-9mm f/1.3 P-iris lens, Integrated IR, Next-Generation Analytics. Must use with a H4A-MT-Wall1 or H4A-MT-NPTA1.	1,109.23
2.0C-H5A-DP2	2.0 MP (1080p) WDR, LightCatcher, Day/Night, Pendant Dome, 9-22mm f/1.6 P-iris lens, Next-Generation Analytics. Must use with a H4A-MT-Wall1 or H4A-MT-NPTA1.	1,097.42
2.0C-H5M-DO1-IR	2.0 MP WDR, LightCatcher, Day/Night, Outdoor Dome, 2.8mm f/1.2, IR	377.60
2.0C-H5SL-D1	2.0 MP, WDR, LightCatcher, Day/Night, Indoor Dome, 3-9mm f/1.4	483.81
2.0C-H5SL-D1-IR	2.0 MP, WDR, LightCatcher, Day/Night, Indoor Dome, 3-9mm f/1.4, Integrated IR	525.11
2.0C-H5SL-DO1-IR	2.0 MP, WDR, LightCatcher, Day/Night, Outdoor Dome, 3.1-8.4mm f/1.6, Integrated IR	613.61
2.0C-H6M-D1	2.0 MP, H6 Mini Dome Camera, WDR, LightCatcher, Day/Night, 2.9mm f/2.0	400.68
2.0C-H6M-D1-IR	2.0 MP, H6 Mini Dome Camera, WDR, LightCatcher, Day/Night, 2.9mm f/2.0, IR	441.00
3.0C-H4A-25G-DO1-IR-B	3.0 Megapixel WDR, LightCatcher, Day/Night, Outdoor Dome, 3-9mm f/1.3 P-iris lens, Integrated IR, Self-Learning Video Analytics, 256GB Built-in SSD	2,354.26
3.0C-H4A-25G-DP1-IR-B	3.0 Megapixel WDR, LightCatcher, Day/Night, Outdoor Dome, 3-9mm f/1.3 P-iris lens, Integrated IR, Self-Learning Video Analytics, 256GB Built-in SSD. Must use with a H4A-MT-Wall1 or H4A-MT-NPTA1.	2,354.26
3.0C-H4A-DC2-B	3.0 Megapixel WDR, LightCatcher, Day/Night, In-Ceiling Dome, 9-22mm f/1.6 P-iris lens, Self-Learning Video Analytics	1,070.12
3.0C-H4A-DO2-B	3.0 Megapixel WDR, LightCatcher, Day/Night, Outdoor Dome, 9-22mm f/1.6 P-iris lens, Self-Learning Video Analytics	1,185.81
3.0C-H5A-CR1-IR	H5A, Corner, CRS, 3.0 MP WDR, 3-9mm, IR	1,416.02
3.0C-H5A-CR1-IR-SS	H5A, Corner, SS, 3.0 MP WDR, 3-9mm, IR	1,711.03
3.0C-H5A-CR2-IR	Avigilon H5A Corner Camera, 2.3mm Fixed Lens, 3 MP, White Steel	1,272.00
3.0C-H5A-CR2-IR-SS	Avigilon H5A Corner Camera, 2.3mm Fixed Lens, 3 MP, Stainless Steel	1,537.00
3.0C-H5SL-D1	3.0 MP, WDR, LightCatcher, Day/Night, Indoor Dome, 3-9mm f/1.4	542.80
3.0C-H5SL-D1-IR	3.0 MP, WDR, LightCatcher, Day/Night, Indoor Dome, 3-9mm f/1.4, Integrated IR	584.11
3.0C-H5SL-DO1-IR		672.61

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	3.0 MP, WDR, LightCatcher, Day/Night, Outdoor Dome, 3.1-8.4mm f/1.6, Integrated IR	
3.0C-H6M-D1	3.0 MP, H6 Mini Dome Camera, WDR, LightCatcher, Day/Night, 2.9mm f/2.0	460.04
3.0C-H6M-D1-IR	3.0 MP, H6 Mini Dome Camera, WDR, LightCatcher, Day/Night, 2.9mm f/2.0, IR	500.32
3.0C-H6M-D2-IR	3.0 MP, H6 Mini Dome Camera, WDR, LightCatcher, Day/Night, 2.4mm f/2.1, IR	515.16
4.0C-H5A-D1	4.0 MP WDR, LightCatcher, Day/Night, Indoor Dome, 3.3-9mm f/1.3 P-iris lens, Next-Generation Analytics	1,111.58
4.0C-H5A-D1-IR	4.0 MP WDR, LightCatcher, Day/Night, Indoor Dome, 3.3-9mm f/1.3 P-iris lens, Integrated IR, Next-Generation Analytics	1,170.59
4.0C-H5A-D2	4.0 MP WDR, LightCatcher, Day/Night, Indoor Dome, 9-22mm f/1.6 P-iris lens, Next-Generation Analytics	1,158.78
4.0C-H5A-DC1	4.0 MP WDR, LightCatcher, Day/Night, In-Ceiling Dome, 3.3-9mm f/1.3 P-iris lens, Next-Generation Analytics	1,170.59
4.0C-H5A-DC1-IR	4.0 MP WDR, LightCatcher, Day/Night, In-Ceiling Dome, 3.3-9mm f/1.3 P-iris lens, Integrated IR, Next-Generation Analytics	1,229.77
4.0C-H5A-DC2	4.0 MP WDR, LightCatcher, Day/Night, In-Ceiling Dome, 9-22mm f/1.6 P-iris lens, Next-Generation Analytics	1,218.19
4.0C-H5A-DO1	4.0 MP WDR, LightCatcher, Day/Night, Outdoor Dome, 3.3-9mm f/1.3 P-iris lens, Next-Generation Analytics	1,288.77
4.0C-H5A-DO1-IR	4.0 MP WDR, LightCatcher, Day/Night, Outdoor Dome, 3.3-9mm f/1.3 P-iris lens, Integrated IR, Next-Generation Analytics	1,347.77
4.0C-H5A-DO2	4.0 MP WDR, LightCatcher, Day/Night, Outdoor Dome, 9-22mm f/1.6 P-iris lens, Next-Generation Analytics	1,336.20
4.0C-H5A-DP1	4.0 MP WDR, LightCatcher, Day/Night, Pendant Dome, 3.3-9mm f/1.3 P-iris lens, Next-Generation Analytics. Must use with a H4A-MT-Wall1 or H4A-MT-NPTA1.	1,218.19
4.0C-H5A-DP1-IR	4.0 MP WDR, LightCatcher, Day/Night, Pendant Dome, 3.3-9mm f/1.3 P-iris lens, Integrated IR, Next-Generation Analytics. Must use with a H4A-MT-Wall1 or H4A-MT-NPTA1.	1,277.20
4.0C-H5A-DP2	4.0 MP WDR, LightCatcher, Day/Night, Pendant Dome, 9-22mm f/1.6 P-iris lens, Next-Generation Analytics. Must use with a H4A-MT-Wall1 or H4A-MT-NPTA1.	1,265.63
5.0C-H5A-CR1-IR	H5A, Corner, CRS, 5.0 MP WDR, 3-9mm,IR	1,888.03
5.0C-H5A-CR1-IR-SS	H5A, Corner, SS, 5.0 MP WDR, 3-9mm, IR	2,183.04
5.0C-H5A-CR2-IR	Avigilon H5A Corner Camera, 2.3mm Fixed Lens, 5 MP, White Steel	1,696.00
5.0C-H5A-CR2-IR-SS	Avigilon H5A Corner Camera, 2.3mm Fixed Lens, 5 MP, Stainless Steel	1,961.00
5.0C-H5A-DO2	5.0 MP WDR, LightCatcher, Day/Night, Outdoor Dome, 9-22mm f/1.6 P-iris lens, Next-Generation Analytics	1,410.25
5.0C-H5A-DP2	5.0 MP WDR, LightCatcher, Day/Night, Pendant Dome, 9-22mm f/1.6 P-iris lens, Next-Generation Analytics. Must use with a H4A-MT-Wall1 or H4A-MT-NPTA1.	1,339.67
5.0C-H5M-DO1-IR	5.0 MP WDR, LightCatcher, Day/Night, Outdoor Dome, 2.8mm f/1.2, IR	590.01
5.0C-H5SL-D1	5.0 MP, WDR, LightCatcher, Day/Night, Indoor Dome, 3.1-8.4mm f/1.6	660.80
5.0C-H5SL-D1-IR	5.0 MP, WDR, LightCatcher, Day/Night, Indoor Dome, 3.1-8.4mm f/1.6, Integrated IR	702.11
5.0C-H5SL-DO1-IR	5.0 MP, WDR, LightCatcher, Day/Night, Outdoor Dome, 3.1-8.4mm f/1.6, Integrated IR	790.61
5.0C-H6M-D1-IR	5.0 MP, H6 Mini Dome Camera, WDR, LightCatcher, Day/Night, 2.9mm f/2.0, IR	583.00
5.0C-H6M-D2-IR	5.0 MP, H6 Mini Dome Camera, WDR, LightCatcher, Day/Night, 2.4mm f/2.1, IR	478.27
5.0L-H4A-DC2-B	5.0 Megapixel, LightCatcher, Day/Night, In-Ceiling Dome, 9-22mm f/1.6 P-iris lens, Self-Learning Video Analytics	1,233.24
5.0L-H4A-DO2-B	5.0 Megapixel, LightCatcher, Day/Night, Outdoor Dome, 9-22mm f/1.6 P-iris lens, Self-Learning Video Analytics	1,351.25
5.0L-H4A-DP2-B	5.0 Megapixel, LightCatcher, Day/Night, Pendant Dome, 9-22mm f/1.6 P-iris lens, Self-Learning Video Analytics. Must use with a H4A-MT-Wall1 or H4A-MT-NPTA1.	1,280.67

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6.0C-H5A-D1	6.0 MP WDR, LightCatcher, Day/Night, Indoor Dome, 4.9-8mm f/1.8 P-iris lens, Next-Generation Analytics	1,280.67
6.0C-H5A-D1-IR	6.0 MP WDR, LightCatcher, Day/Night, Indoor Dome, 4.9-8mm f/1.8 P-iris lens, Integrated IR, Next-Generation Analytics	1,339.67
6.0C-H5A-DC1	6.0 MP WDR, LightCatcher, Day/Night, In-Ceiling Dome, 4.9-8mm f/1.8 P-iris lens, Next-Generation Analytics	1,339.67
6.0C-H5A-DC1-IR	6.0 MP WDR, LightCatcher, Day/Night, In-Ceiling Dome, 4.9-8mm f/1.8 P-iris lens, Integrated IR, Next-Generation Analytics	1,398.67
6.0C-H5A-DO1	6.0 MP WDR, LightCatcher, Day/Night, Outdoor Dome, 4.9-8mm f/1.8 P-iris lens, Next-Generation Analytics	1,457.67
6.0C-H5A-DO1-IR	6.0 MP WDR, LightCatcher, Day/Night, Outdoor Dome, 4.9-8mm f/1.8 P-iris lens, Integrated IR, Next-Generation Analytics	1,516.68
6.0C-H5A-DP1	6.0 MP WDR, LightCatcher, Day/Night, Pendant Dome, 4.9-8mm f/1.8 P-iris lens, Next-Generation Analytics. Must use with a H4A-MT-Wall1 or H4A-MT-NPTA1.	1,387.11
6.0C-H5A-DP1-IR	6.0 MP WDR, LightCatcher, Day/Night, Pendant Dome, 4.9-8mm f/1.8 P-iris lens, Integrated IR, Next-Generation Analytics. Must use with a H4A-MT-Wall1 or H4A-MT-NPTA1.	1,446.11
8.0-H4A-D1-B	4K UHD (8.0 Megapixel), Day/Night, Indoor Dome, 4.3-8mm f/1.8 P-iris lens, Self-Learning Video Analytics	1,534.03
8.0-H4A-DC1-B	4K UHD (8.0 Megapixel), Day/Night, In-Ceiling Dome, 4.3-8mm f/1.8 P-iris lens, Self-Learning Video Analytics	1,593.03
8.0-H4A-DO1-B	4K UHD (8.0 Megapixel), Day/Night, Outdoor Dome, 4.3-8mm f/1.8 P-iris lens, Self-Learning Video Analytics	1,711.03
8.0-H4A-DO1-IR-B	4K UHD (8.0 Megapixel), Day/Night, Outdoor Dome, 4.3-8mm f/1.8 P-iris lens, Integrated IR, Self-Learning Video Analytics	1,770.03
8.0-H4A-DP1-B	4K UHD (8.0 Megapixel), Day/Night, Pendant Dome, 4.3-8mm f/1.8 P-iris lens, Self-Learning Video Analytics. Must use with a H4A-MT-Wall1 or H4A-MT-NPTA1.	1,640.47
8.0C-H5A-D1	8.0 MP (4K) WDR, LightCatcher, Day/Night, Indoor Dome, 4.9-8mm f/1.8 P-iris lens, Next-Generation Analytics	1,534.03
8.0C-H5A-D1-IR	8.0 MP (4K) WDR, LightCatcher, Day/Night, Indoor Dome, 4.9-8mm f/1.8 P-iris lens, Integrated IR, Next-Generation Analytics	1,593.03
8.0C-H5A-DC1	8.0 MP (4K) WDR, LightCatcher, Day/Night, In-Ceiling Dome, 4.9-8mm f/1.8 P-iris lens, Next-Generation Analytics	1,593.03
8.0C-H5A-DC1-IR	8.0 MP (4K) WDR, LightCatcher, Day/Night, In-Ceiling Dome, 4.9-8mm f/1.8 P-iris lens, Integrated IR, Next-Generation Analytics	1,652.03
8.0C-H5A-DO1	8.0 MP (4K) WDR, LightCatcher, Day/Night, Outdoor Dome, 4.9-8mm f/1.8 P-iris lens, Next-Generation Analytics	1,711.03
8.0C-H5A-DO1-IR	8.0 MP (4K) WDR, LightCatcher, Day/Night, Outdoor Dome, 4.9-8mm f/1.8 P-iris lens, Integrated IR, Next-Generation Analytics	1,770.03
8.0C-H5A-DP1	8.0 MP (4K) WDR, LightCatcher, Day/Night, Pendant Dome, 4.9-8mm f/1.8 P-iris lens, Next-Generation Analytics. Must use with a H4A-MT-Wall1 or H4A-MT-NPTA1.	1,640.47
8.0C-H5A-DP1-IR	8.0 MP (4K) WDR, LightCatcher, Day/Night, Pendant Dome, 4.9-8mm f/1.8 P-iris lens, Integrated IR, Next-Generation Analytics. Must use with a H4A-MT-Wall1 or H4A-MT-NPTA1.	1,699.47
CR-FFKIT-SS	H5A Corner Front Faceplate replacement Kit Stainless Steel	368.62
CR-FFKIT-WHT	H5A Corner Front Faceplate replacement Kit White Steel	294.89

## HD LPR

MODEL NUMBER	DESCRIPTION	MSRP \$
3.0C-HD-LP-B1	H4 LPC Box camera, 3.0 MP, 4.7-84.6mm f/1.6 lens, with visible light blocker. Must be ordered in conjunction with ES-HD-IR-IP6 and ES-HD-LP-HS.	1,038.42
ES-HD-IR-IP6	IR illuminator, PoE+, Outdoor, included lens option for 60°, 35°, or 10° horizontal coverage. Included mounting adapter to ES-HD-LP-HS.	790.61
ES-HD-LP-HS	Standard format enclosure with heater, sunshield and PoE passthrough for a camera. PoE+ powers the camera enclosure and camera using one Ethernet connection.	767.02

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## Modular

MODEL NUMBER	DESCRIPTION	MSRP \$
3C-H5MOD-MB2	3MP, H5A Mod, WDR, 2.8mm Fixed Lens, f/2.0, Micro Bullet Imager Module	263.94
3C-H5MOD-RP4	3MP, H5A Mod, WDR, 3.7mm Fixed Pinhole Lens, f/2.5, Right Angle Imager Module	263.94
5C-H5MOD-MB2	5MP, H5A Mod, WDR, 2.8mm Fixed Lens, f/2.0, Micro Bullet Imager Module	369.94
H5A-MOD-2P	2 Port H5A Modular Main Unit, Next-Generation Analytics	556.50

## Panoramic

MODEL NUMBER	DESCRIPTION	MSRP \$
10.0C-H5DH-DO1-IR	2x 5MP H5A Dual Head Camera. Outdoor camera with built-in IR	1,792.04
12.0W-H5A-FE-DC1	12.0 MP, Fisheye In-ceiling Camera, Day/Night, WDR, 1.6mm f/2.0, Next-Generation Analytics	1,307.28
12.0W-H5A-FE-DO1	12.0 MP, Fisheye Dome Camera, Day/Night, WDR, 1.6mm f/2.0, Next-Generation Analytics	1,272.57
12.0W-H5A-FE-DO1-IR	12.0 MP, Fisheye Dome Camera, Day/Night, WDR, 1.6mm f/2.0, Next-Generation Analytics, Integrated IR	1,330.42
12C-H4A-4MH-360	4x 3 MP, WDR, LightCatcher, 2.8mm, Camera Only	2,248.98
15C-H4A-3MH-180	3x 5 MP, WDR, LightCatcher, 4mm, Camera Only	2,124.04
15C-H4A-3MH-270	3x 5 MP, WDR, LightCatcher, 2.8mm, Camera Only	2,124.04
20C-H4A-4MH-360	4x 5 MP, WDR, LightCatcher, 2.8mm, Camera Only	2,478.05
24C-H4A-3MH-180	3x 8 MP, WDR, LightCatcher, 5.2mm, Camera Only	2,478.05
24C-H4A-3MH-270	3x 8 MP, WDR, LightCatcher, 4mm, Camera Only	2,478.05
3.0C-H4VI-RO1-IR	3.0 MP, H4 Video Intercom, WDR, LightCatcher, Day/Night, 1.83mm f/2.4, Integrated IR, Recessed Mount	1,357.02
32C-H4A-4MH-360	4x 8 MP, WDR, LightCatcher, 4mm, Camera Only	2,832.06
6.0C-H5DH-DO1-IR	2x 3MP H5A Dual Head Camera. Outdoor camera with built-in IR	1,560.66
8.0C-H5A-FE-DC1	8.0 MP, H5A Fisheye In-ceiling Camera, LightCatcher, Day/Night, WDR, 1.41mm f/2.0, Next-Generation Analytics	873.45
8.0C-H5A-FE-DO1	8.0 MP, H5A Fisheye Dome Camera, LightCatcher, Day/Night, WDR, 1.41mm f/2.0, Next-Generation Analytics	838.75
8.0C-H5A-FE-DO1-IR	8.0 MP, H5A Fisheye Dome Camera, LightCatcher, Day/Night, WDR, 1.41mm f/2.0, Next-Generation Analytics, Integrated IR	896.59
9C-H4A-3MH-180	3x 3 MP, WDR, LightCatcher, 4mm, Camera Only	1,953.97
9C-H4A-3MH-270	3x 3 MP, WDR, LightCatcher, 2.8mm, Camera Only	1,953.97

## Pro Cameras

MODEL NUMBER	DESCRIPTION	MSRP \$
16C-H5PRO-B	5K (16 MP) H5 Pro Camera. Lens and housing not included.	8,850.16
26C-H5PRO-B	6.25K (26 MP) H5 Pro Camera. Lens and housing not included.	10,620.19
40C-H5PRO-B	8K (40 MP) H5 Pro Camera. Lens and housing not included.	12,980.24
61C-H5PRO-B	10K (61 MP) H5 Pro Camera. Lens and housing not included.	17,700.33
8C-H5PRO-B	4K (8 MP) H5 Pro Camera. Lens and housing not included.	3,540.06

## PTZ

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MODEL NUMBER	DESCRIPTION	MSRP \$
1.0C-H4IRPTZ-DP45-WP	1MP H4 IR PTZ with Wiper 45X, Self-learning analytics, IK10, IP66, 250m IR	3,617.99
2.0C-H4IRPTZ-DP30-WP	2MP H4 IR PTZ, with Wiper 30X, Self-learning analytics, IK10, IP66, 250m IR	3,924.67
2.0C-H5A-PTZ-DC36	H5A, 2MP 36x In-Ceiling PTZ Dome	2,820.48
2.0C-H5A-PTZ-DP36	H5A, 2MP 36x Pendant PTZ Dome	3,139.78
2.0C-H5A-RGDPTZ-DP36	Avigilon H5A Rugged PTZ 2MP	6,799.53
4.0C-H5A-PTZ-DC36	H5A, 4MP 36x In-Ceiling PTZ Dome	3,484.54
4.0C-H5A-PTZ-DP36	H5A, 4MP 36x Pendant PTZ Dome	3,484.54
4.0C-H5A-RGDPTZ-DP36	Avigilon H5A Rugged PTZ 4MP	7,933.73
8.0C-H5A-PTZ-DC36	H5A, 8MP 36x In-Ceiling PTZ Dome	4,124.29
8.0C-H5A-PTZ-DP36	H5A, 8MP 36x Pendant PTZ Dome	4,124.29
8.0C-H5A-RGDPTZ-DP36	Avigilon H5A Rugged PTZ 8MP	9,067.93
AVCOMB100A	Communication box 220-230Vac	1,468.79
AVCOMB200A	Communication box 24Vac	1,468.79
AVCOMB300A	Communication box 120-127Vac	1,468.79
AVOUEMAN	Maintenance Kit	73.72
AVOUESUN04	Sunshield	39.70
AVOUEWIPER	Wiper blade	35.16
AVSURGEPR	Lightning surge protector	225.71
AVUEAC	Corner adaptor	157.65
AVUEAP	Pole adaptor	123.63
AVUEAW	Corner adaptor	169.00
AVUEBP0AA	Parapet bracket	100.94
AVUEBP4AA	Parapet bracket with quick connectors	191.68
AVUEBP7AA	Parapet bracket with quick connectors	221.17
AVUEBWAA	Wall bracket	100.94
AVUEI8AA	IR illuminator 850nm	345.93
AVUEI8AAP	Long distance IR illuminator 850nm	345.93
AVUEI9AA	IR Illuminator 940nm	395.84
AVUEIWAA	White light illuminator	345.93
AVUEIWAAP	Long distance White Illuminator	345.93
AVWASPT0V23L11M00	Water tank 23l 230Vac-24Vac-120Vac	1,003.77
AVWASPT0V5L5M00	Water tank 5l 230Vac-24Vac-120Vac	543.28
AVWASPT1V23L30M00	Water tank 23l 230Vac	1,741.00
AVWASPT3V23L30M00	Water tank 23l 120Vac	1,741.00
POE-INJ-BT-90W-NA	PoE injector 802.3bt 90W Single Port	302.83

## Thermal

MODEL NUMBER	DESCRIPTION	MSRP \$
320S-H4A-THC-BO12	320x256, Thermal Outdoor Bullet, 18.0mm f/1.0, 9Hz, NETD	5,546.10
320S-H4A-THC-BO24	320x256, Thermal Outdoor Bullet, 9.1mm f/1.0, 9Hz, NETD	4,602.09
320S-H4A-THC-BO50	320x256, Thermal Outdoor Bullet, 4.3mm f/1.0, 9Hz, NETD	4,366.08
640S-H4A-THC-BO12	640x512, Thermal Outdoor Bullet, 36.0mm f/1.0, 9Hz, NETD	9,853.18
640S-H4A-THC-BO24	640x512, Thermal Outdoor Bullet, 18.0mm f/1.0, 9Hz, NETD	7,198.13
640S-H4A-THC-BO50	640x512, Thermal Outdoor Bullet, 8.7mm f/1.0, 9Hz, NETD	6,962.13

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## Monitoring

### Display Monitors

MODEL NUMBER	DESCRIPTION	MSRP \$
M1300	Monitor, 19", LCD HD, SXGA	325.00
M1300-AU	Monitor, 19", LCD HD, SXGA	325.00
M1300-EU	Monitor, 19", LCD HD, SXGA	325.00
M1300-UK	Monitor, 19", LCD HD, SXGA	325.00
M4K32-G2-AU	Monitor, 32" LCD 4K UHD, 16:9 Widescreen Aspect Ratio	1,805.65
M4K32-G2-EU	Monitor, 32" LCD 4K UHD, 16:9 Widescreen Aspect Ratio	1,805.65
M4K32-G2-NA	Monitor, 32" LCD 4K UHD, 16:9 Widescreen Aspect Ratio	1,805.65
M4K32-G2-UK	Monitor, 32" LCD 4K UHD, 16:9 Widescreen Aspect Ratio	1,805.65
M4K43-G2-AU	Monitor, 43" LCD 4K UHD, 16:9 Widescreen Aspect Ratio	1,694.00
M4K43-G2-EU	Monitor, 43" LCD 4K UHD, 16:9 Widescreen Aspect Ratio	1,694.00
M4K43-G2-NA	Monitor, 43" LCD 4K UHD, 16:9 Widescreen Aspect Ratio	1,694.00
M4K43-G2-UK	Monitor, 43" LCD 4K UHD, 16:9 Widescreen Aspect Ratio	1,694.00
MHD24-G2-EU	Monitor, 24" LCD HD, WUXGA	647.85
MHD24-G3-AU	Monitor, 24", HD, 16:9 Aspect Ratio	689.00
MHD24-G3-EU	Monitor, 24", HD, 16:9 Aspect Ratio	689.00
MHD24-G3-NA	Monitor, 24", HD, 16:9 Aspect Ratio	689.00
MHD24-G3-UK	Monitor, 24", HD, 16:9 Aspect Ratio	689.00

## Joysticks

MODEL NUMBER	DESCRIPTION	MSRP \$
ACC-USB-JOY	Programmable USB Surveillance Joystick for controlling digital and conventional PTZ within Avigilon Control Center	723.06
ACC-USB-JOY-PRO	Fully configured Professional USB Surveillance joystick for full control of Avigilon Control Center including shuttle playback control and digital and conventional PTZ.	1,093.25

## Workstations

MODEL NUMBER	DESCRIPTION	MSRP \$
RM6-WKS-2MN-AU	Remote Monitoring Workstation, 2 Monitors, AU	2,313.77
RM6-WKS-2MN-EU	Remote Monitoring Workstation, 2 Monitors, EU	2,313.77
RM6-WKS-2MN-NA	Remote Monitoring Workstation, 2 Monitors, NA	2,313.77
RM6-WKS-2MN-UK	Remote Monitoring Workstation, 2 Monitors, UK	2,313.77
RM6-WKS-4MN-AU	Remote Monitoring Workstation, 4 Monitors, AU	3,632.84
RM6-WKS-4MN-EU	Remote Monitoring Workstation, 4 Monitors, EU	3,632.84
RM6-WKS-4MN-NA	Remote Monitoring Workstation, 4 Monitors, NA	3,632.84
RM6-WKS-4MN-UK	Remote Monitoring Workstation, 4 Monitors, UK	3,632.84

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## Networking

### Extenders

MODEL NUMBER	DESCRIPTION	MSRP \$
EX1	Single port 100Mbps POE Extender for extending Cat 5 beyond the 100m cable limit.	359.80

### Injectors

MODEL NUMBER	DESCRIPTION	MSRP \$
POE-INJ-BT-60W-NA	Indoor single port Gigabit PoE++ 60W, 802.3bt compliant, North American power cord included. May be used in USA, Canada, European Union, Australia, New Zealand and UK. Temperature range of the PoE injector is -10C to +40C (14 °F to 104 °F). Compatible only with cameras requiring the 802.3bt PoE ++ standard.	177.00
POE-INJ2-60W-NA	Indoor single port Gigabit PoE++ 60W, North American power cord included. May also be used in European Union, Japan, Australia, New Zealand, Mexico, China, South Korea, Russia, Argentina, Saudi Arabia, Kuwait, UAE and Brazil. Temperature range of the PoE injector is -10C to +45C (14 °F to 113 °F). When used with the H4 IR PTZ, the camera will operate in a reduced temperature range from -10 °C to +50 °C (14 °F to 122 °F).	177.00
POE-INJ2-95W-NA	Indoor single Port PoE Injector Gigabit, 95W, NA power cord, for use with H4IR PTZ - indoor installation rated. Temperature range of the PoE injector is -10C to +45C. Compatible with power cord with C13 on one side and with country specific plug on the other side. Countries supported: USA, Canada, Mexico, Puerto Rico, Aruba, Trinidad,Tobago, United Kingdom, France, Germany, Portugal, Spain, Italy, Iceland, Ireland, Switzerland, Denmark, Finland, Poland, Norway, Belgium, Croatia, Slovenia, Georgia, Australia, New Zealand, Cyprus, Jordan, Qatar, Qatar, Bahrain, Utd. Arab Emirate, Chile, Colombia, Bolivia, Costa Rica, Honduras, Panama, Paraguay, Brazil, Sierra Leone, Zambia, Namibia, Ghana, Mauritius, Vietnam, Thailand, Philippines, Fiji, Pap. New Guinea	472.01
POE-INJ2-PLUS-AU	Indoor single port POE+ injector, for use with H4 PTZ in-ceiling or pendant variants in temperature range of -10°C to +50°C (14°F to 122°F); compatible with indoor (in-ceiling) models or outdoor models installed in temperature range of -10°C to +50°C (14°F to 122°F). AU power cord. Injector temperature range -20°C to +40°C (-4°F to 104°F).	88.50
POE-INJ2-PLUS-NA	Indoor single port POE+ injector, for use with H4 PTZ in-ceiling or pendant variants in temperature range of -10°C to +50°C (14°F to 122°F); compatible with indoor (in-ceiling) models or outdoor models installed in temperature range of -10°C to +50°C (14°F to 122°F). NA power cord. Injector temperature range -20°C to +40°C (-4°F to 104°F).	88.50
POE-INJ2-PLUS-UK	Indoor single port POE+ injector, for use with H4 PTZ in-ceiling or pendant variants in temperature range of -10°C to +50°C (14°F to 122°F); compatible with indoor (in-ceiling) models or outdoor models installed in temperature range of -10°C to +50°C (14°F to 122°F). UK power cord. Injector temperature range -20°C to +40°C (-4°F to 104°F).	88.50
POE-INJ2-STD-AU	Indoor single port Gigabit 802.3af PoE injector, Class 3 - AU power cord. Injector temperature range 0°C to +40°C (32°F to 104°F).	82.61
POE-INJ2-STD-NA	Indoor single port Gigabit 802.3af PoE injector, Class 3 - NA power cord. Injector temperature range 0°C to +40°C (32°F to 104°F).	82.61
POE-INJ2-STD-UK	Indoor single port Gigabit 802.3af PoE injector, Class 3 - UK power cord. Injector temperature range 0°C to +40°C (32°F to 104°F).	82.61

### Switches

MODEL NUMBER	DESCRIPTION	MSRP \$
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CBS350-24FP-4G-NA	28-port Gigabit Managed Switch (24 PoE+ budget 370W, 4 Gigabit SFP) - NA	2,342.12
CBS350-8FP-E-2G-NA	10-port Gigabit Managed Switch (8 PoE+ budget 120W, 2 copper/SFP combo) - NA	918.70
CBS350-8FP-E-2G-UK	10-port Gigabit Managed Switch (8 PoE+ budget 120W, 2 copper/SFP combo) - UK	918.70
ES-PS-MNT-POLE	Pole mount bracket for ES-PS-S4 switch.	80.98
ES-PS-S4-NPC	Managed switch, 5 port, Outdoor IP66, -40°C (-40°F) to 50°C (122°F), Gigabit Ethernet, AC power input. 1x SFP uplink and 4 port RJ45. No power cord. Maximum PoE power allocation: Up to 4 ports of PoE+ each, or 2 ports of 60W PoE each. In 60W PoE mode, compatible with all H4 PTZ and H4 IR PTZ.	1,814.72
SM24TAT2SA-NA	24-Port Gigabit Managed Switch (24) PoE+ budget 370W, (2) SFP - NA	1,605.90
SM8TAT2SA-NA	8-Port Gigabit Managed Switch (8) PoE+ budget 130W, (2) SFP - NA	810.90

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## Software

### ACC

MODEL NUMBER	DESCRIPTION	MSRP \$
ACC-CCURE-ALARM-2.90	CCure v2.90 Alarm Integration	2,728.50
ACC-CCURE-ALARM-2.90-P	CCure v2.90 Alarm Integration, printed	2,728.50
ACC-CCURE-VIDEO-2.90	CCure v2.90 Video Integration	2,728.50
ACC-CCURE-VIDEO-2.90-P	CCure v2.90 Video Integration, printed	2,728.50
ACC-ENT-SMART-1YR	ACC Enterprise Smart Plan, 1 year	32.10
ACC-ENT-SMART-3YR	ACC Enterprise Smart Plan, 3 year	69.55
ACC-ENT-SMART-5YR	ACC Enterprise Smart Plan, 5 year	107.00
ACC-POS-HW-2S	Avigilon 2 port serial Server	559.89
ACC-STD-SMART-1YR	ACC Standard Smart Plan, 1 year	16.05
ACC-STD-SMART-3YR	ACC Standard Smart Plan, 3 year	42.80
ACC-STD-SMART-5YR	ACC Standard Smart Plan, 5 year	64.20
ACC5-4TO5-COR-UPG	ACC 4 to 5 Core Version Upgrade	103.68
ACC5-4TO5-ENT-UPG	ACC 4 to 5 Enterprise Version Upgrade	365.62
ACC5-4TO5-STD-UPG	ACC 4 to 5 Standard Version Upgrade	201.91
ACC6-AMAG-SMTRY	ACC6 Amag Symmetry Integ.	2,728.50
ACC6-AMAG-SMTRY-M	ACC6 Amag Symmetry Integ. +media	2,728.50
ACC6-GLGR-CMNDC	ACC6 Gallagher CmdC Integ.	2,728.50
ACC6-GLGR-CMNDC-M	ACC6 Gallagher CmdC Integ. +media	2,728.50
ACC6-HRSH-VLCTY	ACC6 Hirsch Velocity Integ.	2,728.50
ACC6-HRSH-VLCTY-M	ACC6 Hirsch Velocity Integ. +media	2,728.50
ACC6-INTX-FORCE	ACC6 Interlogix Forcefield Integ.	2,728.50
ACC6-INTX-FORCE-M	ACC6 Interlogix Forcefield Integ. +media	2,728.50
ACC6-JAQS-INTCM	ACC6 Jacques Intercom Integ.	2,728.50
ACC6-JAQS-INTCM-M	ACC6 Jacques Intercom Integ. +media	2,728.50
ACC6-LENL-ONGRD	ACC6 Lenel OnGuard Integ.	2,728.50
ACC6-LENL-ONGRD-M	ACC6 Lenel OnGuard Integ. +media	2,728.50
ACC6-PXTN-NET2	ACC6 Paxton Net2 Integ.	2,728.50
ACC6-PXTN-NET2-M	ACC6 Paxton Net2 Integ. +media	2,728.50
ACC6-S2-NETBX	ACC6 S2 Netbox Integ.	2,728.50
ACC6-S2-NETBX-M	ACC6 S2 Netbox Integ. +media	2,728.50
ACC6-STFN-ALPHA	ACC6 Stentofon Intercom Integ.	2,728.50
ACC6-STFN-ALPHA-M	ACC6 Stentofon Intercom Integ. +media	2,728.50
ACC6-SWHS-CCURE	ACC6 SWHS CCure 9000 2.80 or earlier Integ.	2,728.50
ACC6-SWHS-CCURE-M	ACC6 SWHS CCure 9000 2.80 or earlier Integ. +media	2,728.50
ACC7-COR	ACC 7 Core camera channel	92.77
ACC7-COR-P	ACC 7 Core camera channel, printed	92.77
ACC7-COR-TO-ENT-UPG	ACC 7 CORE to ENT Edition UPG	245.57

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ACC7-COR-TO-ENT-UPG-P	ACC 7 CORE to ENT Edition UPG, printed	245.57
ACC7-COR-TO-STD-UPG	ACC 7 CORE to STD Edition UPG	114.60
ACC7-COR-TO-STD-UPG-P	ACC 7 CORE to STD Edition UPG, printed	114.60
ACC7-ENT	ACC 7 Enterprise camera channel	316.51
ACC7-ENT-FO	ACC 7 ENT failover channel	49.11
ACC7-ENT-FO-P	ACC 7 ENT failover channel, printed	49.11
ACC7-ENT-P	ACC 7 Enterprise camera channel, printed	316.51
ACC7-FACE	ACC7 Face channel	1,637.10
ACC7-FACE-10C	ACC7 Face channel 10 pack	5,457.00
ACC7-FACE-10C-P	ACC7 Face channel 10 pack, printed	5,457.00
ACC7-FACE-P	ACC7 Face channel, printed	1,637.10
ACC7-LPR	ACC 7 LPR lane	3,492.48
ACC7-LPR-P	ACC 7 LPR lane, printed	3,492.48
ACC7-MEDIA	ACC 7 Media	21.83
ACC7-POS-STR	ACC 7 Point of Sale stream	245.57
ACC7-POS-STR-P	ACC 7 Point of Sale stream, printed	245.57
ACC7-RADIO-ALERT	ACC7 Radio Alert	1,637.10
ACC7-RADIO-ALERT-P	ACC7 Radio Alert, printed	1,637.10
ACC7-STD	ACC 7 Standard camera channel	180.08
ACC7-STD-P	ACC 7 Standard camera channel, printed	180.08
ACC7-STD-TO-ENT-UPG	ACC 7 STD to ENT Edition UPG	191.00
ACC7-STD-TO-ENT-UPG-P	ACC 7 STD to ENT Edition UPG, printed	191.00
ACC7-VAC	ACC7 Video Analytics channel	327.42
ACC7-VAC-P	ACC7 Video Analytics channel, printed	327.42
VIG-ACI-CPL	One (1) Vigilant ClientPortal limited account. (US Only)	0.00
VIG-ACI-CPS	One (1) Avigilon camera channel in an existing ClientPortal account for sole purpose of sharing with Law Enforcement Agencies. US only.	0.00

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## Storage

### Extended Warranty

MODEL NUMBER	DESCRIPTION	MSRP \$
AINVR-KYD-WARR-5YR	5 Year Keep Your Drive Warranty, All AI NVR Models	1,156.88
AINVR-PRM-WARR-5Y4HMC	Upgrade the 5 year NBD warranty that comes with AI NVR Premium or AI NVR Premium+ to 5 year 4HMC	4,627.54
AINVR-STD-WARR-5Y4HMC	Upgrade the 5 year NBD warranty that comes with AI NVR Standard to 5 year 4HMC	2,892.21
AINVR-VAL-WARR-5Y4HMC	Upgrade the 5 year NBD warranty that comes with AI NVR Value to 5 year 4HMC	1,619.64
AVA-WARR-EXTEND-1YR	1 Year Warranty Extension for Avigilon Video Archive	7,717.10
AVA-WARR-EXTEND-2YR	2 Year Warranty Extension for Avigilon Video Archive	15,433.06
HD-NVR-KYD-WARR-1YR	1 Year Keep Your Drive Warranty, All NVR Models	387.56
HD-NVR-KYD-WARR-2YR	2 Year Keep Your Drive Warranty, All NVR Models	578.44
HD-NVR-KYD-WARR-3YR	3 Year Keep Your Drive Warranty, All NVR Models	769.33
HD-NVR-KYD-WARR-4YR	4 Year Keep Your Drive Warranty, All NVR Models	966.00
HD-NVR-KYD-WARR-5YR	5 Year Keep Your Drive Warranty, All NVR Models	1,156.88
HD-NVR-WARR-EXTEND-2YR	2 Year Warranty Extension for NVR1	4,290.68
HD-NVR2-WARR-EXTEND-2YR	2 Year Warranty Extension for NVR2	3,237.01
HD-NVR3-PRM-WARR-EXTEND-2YR	2 Year Warranty Extension for NVR3 Premium	4,627.54
HD-NVR3-STD-WARR-EXTEND-2YR	2 Year Warranty Extension for NVR3 Standard	2,892.21
HD-NVR3-VAL-WARR-EXTEND-2YR	2 Year Warranty Extension for NVR3 Value	1,932.68
HD-NVR3-VAL-WARR-EXTEND-2YR-G2	2 Year Warranty Extension for NVR3 Value	1,932.68
HD-NVR4-PRM-WARR-EXTEND-2YR	2 Year Warranty Extension for NVR4 Premium	4,627.54
HD-NVR4-STD-WARR-EXTEND-2YR	2 Year Warranty Extension for NVR4 Standard	2,892.21
HD-NVRWS-WARR-EXTEND-2YR	2 Year Warranty Extension for HD-NVRWS	828.33
HD-NVRWS3-WARR-EXTEND-2YR	2 Year Warranty Extension for HD-NVRWS3	828.33
HD-RMWS-2MN-WARR-EXTEND-2YR	2 Year Warranty Extension for 2MN-HD-RMWS	828.33
HD-RMWS-4MN-WARR-EXTEND-2YR	2 Year Warranty Extension for 4MN-HD-RMWS	751.97
HD-RMWS3-2MN-WARR-EXTEND-2YR	2 Year Warranty Extension for HD-RMWS3-2MN	828.33
HD-RMWS3-4MN-WARR-EXTEND-2YR	2 Year Warranty Extension for HD-RMWS3-4MN	751.97
HD-RMWS4-4MN-WARR-EXTEND-2YR	2 Year Warranty Extension for HD-RMWS4-4MN	751.97
NVR-KYD-WARR-1YR-A	1 Yr Keep Your Drive Wty, NVR5 STD/PRM 16-224 TB	387.56
NVR-KYD-WARR-2YR-A	2 Yr Keep Your Drive Wty, NVR5 STD/PRM 16-224 TB	578.44
NVR-KYD-WARR-3YR-A	3 Yr Keep Your Drive Wty, NVR5 STD/PRM 16-224 TB	769.33
NVR-KYD-WARR-4YR-A	4 Yr Keep Your Drive Wty, NVR5 STD/PRM 16-224 TB	966.00
NVR-KYD-WARR-5YR-A	5 Yr Keep Your Drive Wty, NVR5 STD/PRM 16-224 TB	1,156.88
NVR4-VAL-WARR-EXTEND-2YR	2 Year Warranty Extension for NVR4 Value	1,156.88
NVR4-WKS-WARR-EXTEND-2YR	2 Year Warranty Extension for NVR4-WKS or RM5-WKS	445.40
NVR4X-PRM1-WARR-5Y4HMC	Upgrade the 5 Year Next Business Day warranty to 5 Years 4 Hour Mission Critical for NVR4X PRM 64/96/128/157TB.	4,627.54
NVR4X-PRM2-WARR-5Y4HMC	Upgrade the 5 Year Next Business Day warranty to 5 Years 4 Hour Mission Critical for NVR4X PRM 192/217TB.	4,627.54

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NVR4X-STD-WARR-5Y4HMC	Upgrade the 5 Year Next Business Day warranty to 5 Years 4 Hour Mission Critical for NVR4X STD.	2,892.21
NVR4X-WKS-WARR-EXTEND-2YR	2 Year Extended Warranty for NVR4X Workstations	445.74
NVR5-PRM1-WARR-5Y4HMC-EDU	WARR,UPG 5Y4HMC, 96-160TB,NVR5 PRM,EDU	10,752.64
NVR5-PRM1-WARR-5YNBD-EDU	WARRANTY,UPG 2 NBD,96-160TB,NVR5 PRM,EDU	6,124.68
NVR5-PRM2-WARR-5Y4HMC-EDU	WARR,UPG 5Y4HMC,192/224TB,NVR5 PRM,EDU	10,752.64
NVR5-PRM2-WARR-5YNBD-EDU	WARRANTY,UPG 2 NBD,192/224TB,NVR5 PRM,EDU	6,124.68
NVR5-STD-WARR-5Y4HMC	WARRANTY,UPG to 4HR, NVR5 STD	2,892.74
NVR5-STD-WARR-5YNBD-EDU	WARRANTY,UPG 2 NBD,NVR5 STD,EDU	2,835.50
RM5-WKS-WARR-EXTENED-2YR	2 Year Extended Warranty for RM5-WKS	445.40
RM6-WKS-WARR-EXTEND-2YR	2 Year Extended Warranty for RM6 Workstations	445.74
VMA-AS3-16P-WARR-EXTEND-1YR	1YR Warranty Extension for HDVA3 16-Port	387.56
VMA-AS3-16P-WARR-EXTEND-2YR	2YR Warranty Extension for HDVA3 16-Port	723.06
VMA-AS3-24P-WARR-EXTEND-1YR	1YR Warranty Extension for HDVA3 24-Port	578.44
VMA-AS3-24P-WARR-EXTEND-2YR	2YR Warranty Extension for HDVA3 24-Port	1,110.60
VMA-AS3-8P-WARR-EXTEND-1YR	1YR Warranty Extension for HDVA3 8-Port	190.88
VMA-AS3-8P-WARR-EXTEND-2YR	2YR Warranty Extension for HDVA3 8-Port	347.07
VMA-ENVR1-8P-WARR-EXTEND-2YR	Can be applied to VMA-ENVR1-8Px, VMA-ENVR1-8PxA, or VMA-ENVR1-8PxB	462.75

## NVR

MODEL NUMBER	DESCRIPTION	MSRP \$
HD-NVR4-PRM-157TB-UK	NVR4 Premium 157TB, 2U Rack Mount, Windows Server 2016, UK	59,502.00
HD-NVR4-PRM-192TB-AU	NVR4 Premium 192TB, 2U Rack Mount, Windows Server 2016, AU	82,717.21
NVR4-VAL-12TB-AU	NVR4 Value 12TB, 1U Rack Mount, Windows 10, AU	5,814.00
NVR4-VAL-12TB-EU	NVR4 Value 12TB, 1U Rack Mount, Windows 10, EU	5,814.00
NVR4-VAL-12TB-NA	NVR4 Value 12TB, 1U Rack Mount, Windows 10, NA	5,814.00
NVR4-VAL-12TB-UK	NVR4 Value 12TB, 1U Rack Mount, Windows 10, UK	5,814.00
NVR4-VAL-16TB-AU	NVR4 Value 16TB, 1U Rack Mount, Windows 10, AU	6,885.00
NVR4-VAL-16TB-EU	NVR4 Value 16TB, 1U Rack Mount, Windows 10, EU	6,885.00
NVR4-VAL-16TB-NA	NVR4 Value 16TB, 1U Rack Mount, Windows 10, NA	6,885.00
NVR4-VAL-16TB-UK	NVR4 Value 16TB, 1U Rack Mount, Windows 10, UK	6,885.00
NVR4-VAL-24TB-AU	NVR4 Value 24TB, 1U Rack Mount, Windows 10, AU	10,251.00
NVR4-VAL-24TB-EU	NVR4 Value 24TB, 1U Rack Mount, Windows 10, EU	10,251.00
NVR4-VAL-24TB-NA	NVR4 Value 24TB, 1U Rack Mount, Windows 10, NA	10,251.00
NVR4-VAL-24TB-UK	NVR4 Value 24TB, 1U Rack Mount, Windows 10, UK	10,251.00
NVR4-VAL-6TB-AU	NVR4 Value 6TB, 1U Rack Mount, Windows 10, AU	4,590.00
NVR4-VAL-6TB-EU	NVR4 Value 6TB, 1U Rack Mount, Windows 10, EU	4,590.00
NVR4-VAL-6TB-NA	NVR4 Value 6TB, 1U Rack Mount, Windows 10, NA	4,590.00
NVR4-VAL-6TB-UK	NVR4 Value 6TB, 1U Rack Mount, Windows 10, UK	4,590.00
NVR4X-PRM-FIPS-128TB-NA	NVR4X Premium - FIPS Series, 128TB, Windows Server 2016, NA. Avigilon is currently only selling "-NA" models, please add a note on the PO to request additional power cords (EU, AU, UK) if needed. These NVRs are built to order and have a longer lead time. Check with your local sales reps for more information on ship times.	57,700.16
NVR4X-PRM-FIPS-157TB-NA	NVR4X Premium - FIPS Series, 157TB, Windows Server 2016, NA. Avigilon is currently only selling "-NA" models, please add a note on the PO to request additional power cords (EU, AU, UK) if needed. These NVRs are built to order and have a longer lead time. Check with your local sales reps for more information on ship times.	69,469.75

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NVR4X-PRM-FIPS-64TB-NA	NVR4X Premium - FIPS Series, 64TB, Windows Server 2016, NA. Avigilon is currently only selling "-NA" models, please add a note on the PO to request additional power cords (EU, AU, UK) if needed. These NVRs are built to order and have a longer lead time. Check with your local sales reps for more information on ship times.	37,656.57
NVR4X-PRM-FIPS-96TB-NA	NVR4X Premium - FIPS Series, 96TB, Windows Server 2016, NA. Avigilon is currently only selling "-NA" models, please add a note on the PO to request additional power cords (EU, AU, UK) if needed. These NVRs are built to order and have a longer lead time. Check with your local sales reps for more information on ship times.	43,730.22
NVR4X-STD-16TB-AU	NVR4X Standard 16TB 2U Rack Mnt, Windows 10, AU	13,388.00
NVR4X-STD-16TB-EU	NVR4X Standard 16TB 2U Rack Mnt, Windows 10, EU	13,388.00
NVR4X-STD-16TB-NA	NVR4X Standard 16TB 2U Rack Mnt, Windows 10, NA	13,388.00
NVR4X-STD-16TB-S16-AU	NVR4X Standard 16TB 2U Rack Mnt, Windows Server 2016, AU	15,428.00
NVR4X-STD-16TB-S16-EU	NVR4X Standard 16TB 2U Rack Mnt, Windows Server 2016, EU	15,428.00
NVR4X-STD-16TB-S16-NA	NVR4X Standard 16TB 2U Rack Mnt, Windows Server 2016, NA	15,428.00
NVR4X-STD-16TB-S16-UK	NVR4X Standard 16TB 2U Rack Mnt, Windows Server 2016, UK	15,428.00
NVR4X-STD-16TB-UK	NVR4X Standard 16TB 2U Rack Mnt, Windows 10, UK	13,388.00
NVR4X-STD-24TB-AU	NVR4X Standard 24TB 2U Rack Mnt, Windows 10, AU	15,372.00
NVR4X-STD-24TB-EU	NVR4X Standard 24TB 2U Rack Mnt, Windows 10, EU	15,372.00
NVR4X-STD-24TB-NA	NVR4X Standard 24TB 2U Rack Mnt, Windows 10, NA	15,372.00
NVR4X-STD-24TB-S16-AU	NVR4X Standard 24TB 2U Rack Mnt, Windows Server 2016, AU	17,412.00
NVR4X-STD-24TB-S16-EU	NVR4X Standard 24TB 2U Rack Mnt, Windows Server 2016, EU	17,412.00
NVR4X-STD-24TB-S16-NA	NVR4X Standard 24TB 2U Rack Mnt, Windows Server 2016, NA	17,412.00
NVR4X-STD-24TB-S16-UK	NVR4X Standard 24TB 2U Rack Mnt, Windows Server 2016, UK	17,412.00
NVR4X-STD-24TB-UK	NVR4X Standard 24TB 2U Rack Mnt, Windows 10, UK	15,372.00
NVR4X-WKS-4TB-AU	NVR4X Workstation 4TB, Windows 10, AU	2,701.66
NVR4X-WKS-4TB-EU	NVR4X Workstation 4TB, Windows 10, EU	2,701.66
NVR4X-WKS-4TB-NA	NVR4X Workstation 4TB, Windows 10, NA	2,701.66
NVR4X-WKS-4TB-UK	NVR4X Workstation 4TB, Windows 10, UK	2,701.66
NVR4X-WKS-8TB-AU	NVR4X Workstation 8TB, Windows 10, AU	3,089.56
NVR4X-WKS-8TB-EU	NVR4X Workstation 8TB, Windows 10, EU	3,089.56
NVR4X-WKS-8TB-NA	NVR4X Workstation 8TB, Windows 10, NA	3,089.56
NVR4X-WKS-8TB-UK	NVR4X Workstation 8TB, Windows 10, UK	3,089.56
NVR5-PRM-128TB-S19-AU	NVR5 PRM 128TB 2U Rack Mnt, WS19 AU	54,952.52
NVR5-PRM-128TB-S19-EU	NVR5 PRM 128TB 2U Rack Mnt, WS19 EU	54,952.52
NVR5-PRM-128TB-S19-NA	NVR5 PRM 128TB 2U Rack Mnt, WS19 NA	54,952.52
NVR5-PRM-128TB-S19-UK	NVR5 PRM 128TB 2U Rack Mnt, WS19 UK	54,952.52
NVR5-PRM-160TB-S19-AU	NVR5 PRM 160TB 2U Rack Mnt, WS19 AU	67,484.90
NVR5-PRM-160TB-S19-EU	NVR5 PRM 160TB 2U Rack Mnt, WS19 EU	67,484.90
NVR5-PRM-160TB-S19-NA	NVR5 PRM 160TB 2U Rack Mnt, WS19 NA	67,484.90
NVR5-PRM-160TB-S19-UK	NVR5 PRM 160TB 2U Rack Mnt, WS19 UK	67,484.90
NVR5-PRM-192TB-S19-AU	NVR5 PRM 192TB 2U Rack Mnt, WS19 AU	82,717.10
NVR5-PRM-192TB-S19-EU	NVR5 PRM 192TB 2U Rack Mnt, WS19 EU	82,717.10
NVR5-PRM-192TB-S19-NA	NVR5 PRM 192TB 2U Rack Mnt, WS19 NA	82,717.10
NVR5-PRM-192TB-S19-UK	NVR5 PRM 192TB 2U Rack Mnt, WS19 UK	82,717.10
NVR5-PRM-224TB-S19-AU	NVR5 PRM 224TB 2U Rack Mnt, WS19 AU	93,302.26
NVR5-PRM-224TB-S19-EU	NVR5 PRM 224TB 2U Rack Mnt, WS19 EU	93,302.26
NVR5-PRM-224TB-S19-NA	NVR5 PRM 224TB 2U Rack Mnt, WS19 NA	93,302.26
NVR5-PRM-224TB-S19-UK	NVR5 PRM 224TB 2U Rack Mnt, WS19 UK	93,302.26

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NVR5-PRM-252TB-S19-AU	NVR5 PRM 252TB 2U Rack Mnt, WS19 AU	104,803.26
NVR5-PRM-252TB-S19-EU	NVR5 PRM 252TB 2U Rack Mnt, WS19 EU	104,803.26
NVR5-PRM-252TB-S19-NA	NVR5 PRM 252TB 2U Rack Mnt, WS19 NA	104,803.26
NVR5-PRM-252TB-S19-UK	NVR5 PRM 252TB 2U Rack Mnt, WS19 UK	104,803.26
NVR5-PRM-288TB-S19-AU	NVR5 PRM 288TB 2U Rack Mnt, WS19 AU	116,366.80
NVR5-PRM-288TB-S19-EU	NVR5 PRM 288TB 2U Rack Mnt, WS19 EU	116,366.80
NVR5-PRM-288TB-S19-NA	NVR5 PRM 288TB 2U Rack Mnt, WS19 NA	116,366.80
NVR5-PRM-288TB-S19-UK	NVR5 PRM 288TB 2U Rack Mnt, WS19 UK	116,366.80
NVR5-PRM-360TB-S19-AU	NVR5 PRM 360TB 2U Rack Mnt, WS19 AU	138,675.56
NVR5-PRM-360TB-S19-EU	NVR5 PRM 360TB 2U Rack Mnt, WS19 EU	138,675.56
NVR5-PRM-360TB-S19-NA	NVR5 PRM 360TB 2U Rack Mnt, WS19 NA	138,675.56
NVR5-PRM-360TB-S19-UK	NVR5 PRM 360TB 2U Rack Mnt, WS19 UK	138,675.56
NVR5-PRM-432TB-S19-AU	NVR5 PRM 432TB 2U Rack Mnt, WS19 AU	161,964.82
NVR5-PRM-432TB-S19-EU	NVR5 PRM 432TB 2U Rack Mnt, WS19 EU	161,964.82
NVR5-PRM-432TB-S19-NA	NVR5 PRM 432TB 2U Rack Mnt, WS19 NA	161,964.82
NVR5-PRM-432TB-S19-UK	NVR5 PRM 432TB 2U Rack Mnt, WS19 UK	161,964.82
NVR5-PRM-96TB-S19-AU	NVR5 PRM 96TB 2U Rack Mnt, WS19 AU	41,647.40
NVR5-PRM-96TB-S19-EU	NVR5 PRM 96TB 2U Rack Mnt, WS19 EU	41,647.40
NVR5-PRM-96TB-S19-NA	NVR5 PRM 96TB 2U Rack Mnt, WS19 NA	41,647.40
NVR5-PRM-96TB-S19-UK	NVR5 PRM 96TB 2U Rack Mnt, WS19 UK	41,647.40
NVR5-STD-32TB-S19-AU	NVR5 STD 32TB 2U Rack Mnt, WS19 AU	21,698.20
NVR5-STD-32TB-S19-EU	NVR5 STD 32TB 2U Rack Mnt, WS19 EU	21,698.20
NVR5-STD-32TB-S19-NA	NVR5 STD 32TB 2U Rack Mnt, WS19 NA	21,698.20
NVR5-STD-32TB-S19-UK	NVR5 STD 32TB 2U Rack Mnt, WS19 UK	21,698.20
NVR5-STD-32TB-W10-AU	NVR5 STD 32TB 2U Rack Mnt, W10 AU	18,996.26
NVR5-STD-32TB-W10-EU	NVR5 STD 32TB 2U Rack Mnt, W10 EU	18,996.26
NVR5-STD-32TB-W10-NA	NVR5 STD 32TB 2U Rack Mnt, W10 NA	18,996.26
NVR5-STD-32TB-W10-UK	NVR5 STD 32TB 2U Rack Mnt, W10 UK	18,996.26
NVR5-STD-48TB-S19-AU	NVR5 STD 48TB 2U Rack Mnt, WS19 AU	28,876.52
NVR5-STD-48TB-S19-EU	NVR5 STD 48TB 2U Rack Mnt, WS19 EU	28,876.52
NVR5-STD-48TB-S19-NA	NVR5 STD 48TB 2U Rack Mnt, WS19 NA	28,876.52
NVR5-STD-48TB-S19-UK	NVR5 STD 48TB 2U Rack Mnt, WS19 UK	28,876.52
NVR5-STD-48TB-W10-AU	NVR5 STD 48TB 2U Rack Mnt, W10 AU	27,128.58
NVR5-STD-48TB-W10-EU	NVR5 STD 48TB 2U Rack Mnt, W10 EU	27,128.58
NVR5-STD-48TB-W10-NA	NVR5 STD 48TB 2U Rack Mnt, W10 NA	27,128.58
NVR5-STD-48TB-W10-UK	NVR5 STD 48TB 2U Rack Mnt, W10 UK	27,128.58
NVR5-STD-64TB-S19-AU	NVR5 STD 64TB 2U Rack Mnt, WS19 AU	35,862.98
NVR5-STD-64TB-S19-EU	NVR5 STD 64TB 2U Rack Mnt, WS19 EU	35,862.98
NVR5-STD-64TB-S19-NA	NVR5 STD 64TB 2U Rack Mnt, WS19 NA	35,862.98
NVR5-STD-64TB-S19-UK	NVR5 STD 64TB 2U Rack Mnt, WS19 UK	35,862.98
NVR5-STD-64TB-W10-AU	NVR5 STD 64TB 2U Rack Mnt, W10 AU	33,993.14
NVR5-STD-64TB-W10-EU	NVR5 STD 64TB 2U Rack Mnt, W10 EU	33,993.14
NVR5-STD-64TB-W10-NA	NVR5 STD 64TB 2U Rack Mnt, W10 NA	33,993.14
NVR5-STD-64TB-W10-UK	NVR5 STD 64TB 2U Rack Mnt, W10 UK	33,993.14

## Video Appliances

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MODEL NUMBER	DESCRIPTION	MSRP \$
VMA-AS3-16P06-AU	HD Video Appliance 16-Port 6TB, AU. ACC licenses sold separately	4,921.39
VMA-AS3-16P06-EU	HD Video Appliance 16-Port 6TB, EU. ACC licenses sold separately	4,921.39
VMA-AS3-16P06-NA	HD Video Appliance Pro 16-Port 6TB, NA. ACC licenses sold separately	4,921.39
VMA-AS3-16P06-UK	HD Video Appliance 16-Port 6TB, UK. ACC licenses sold separately	4,642.82
VMA-AS3-16P09-AU	HD Video Appliance 16-Port 9TB, AU. ACC licenses sold separately	5,900.11
VMA-AS3-16P09-EU	HD Video Appliance 16-Port 9TB, EU. ACC licenses sold separately	5,566.14
VMA-AS3-16P09-NA	HD Video Appliance Pro 16-Port 9TB, NA. ACC licenses sold separately	5,900.11
VMA-AS3-16P09-UK	HD Video Appliance 16-Port 9TB, UK. ACC licenses sold separately	5,900.11
VMA-AS3-16P12-AU	HD Video Appliance 16-Port 12TB, AU. ACC licenses sold separately	7,080.13
VMA-AS3-16P12-EU	HD Video Appliance 16-Port 12TB, EU. ACC licenses sold separately	6,679.37
VMA-AS3-16P12-NA	HD Video Appliance Pro 16-Port 12TB, NA. ACC licenses sold separately	7,080.13
VMA-AS3-16P12-UK	HD Video Appliance 16-Port 12TB, UK. ACC licenses sold separately	7,080.13
VMA-AS3-24P12-AU	HD Video Appliance 24-Port 12TB, AU. ACC licenses sold separately	7,316.13
VMA-AS3-24P12-EU	HD Video Appliance 24-Port 12TB, EU. ACC licenses sold separately	7,316.13
VMA-AS3-24P12-NA	HD Video Appliance Pro 24-Port 12TB, NA. ACC licenses sold separately	7,316.13
VMA-AS3-24P12-UK	HD Video Appliance 24-Port 12TB, UK. ACC licenses sold separately	6,902.01
VMA-AS3-24P18-AU	HD Video Appliance 24-Port 18TB, AU. ACC licenses sold separately	9,245.82
VMA-AS3-24P18-EU	HD Video Appliance 24-Port 18TB, EU. ACC licenses sold separately	8,722.47
VMA-AS3-24P18-NA	HD Video Appliance Pro 24-Port 18TB, NA. ACC licenses sold separately	9,245.82
VMA-AS3-24P18-UK	HD Video Appliance 24-Port 18TB, UK. ACC licenses sold separately	8,722.47
VMA-AS3-24P24-AU	HD Video Appliance 24-Port 24TB, AU. ACC licenses sold separately	11,411.50
VMA-AS3-24P24-EU	HD Video Appliance 24-Port 24TB, EU. ACC licenses sold separately	10,765.57
VMA-AS3-24P24-NA	HD Video Appliance Pro 24-Port 24TB, NA. ACC licenses sold separately	11,411.50
VMA-AS3-24P24-UK	HD Video Appliance 24-Port 24TB, UK. ACC licenses sold separately	10,765.57
VMA-AS3-8P2-AU	HD Video Appliance 8-Port 2TB, AU. ACC licenses sold separately	2,360.05
VMA-AS3-8P2-EU	HD Video Appliance 8-Port 2TB, EU. ACC licenses sold separately	2,226.46
VMA-AS3-8P2-NA	HD Video Appliance 8-Port 2TB, NA. ACC licenses sold separately	2,360.05
VMA-AS3-8P2-UK	HD Video Appliance 8-Port 2TB, UK. ACC licenses sold separately	2,226.46
VMA-AS3-8P4-AU	HD Video Appliance 8-Port 4TB, AU. ACC licenses sold separately	2,561.34
VMA-AS3-8P4-EU	HD Video Appliance 8-Port 4TB, EU. ACC licenses sold separately	2,416.36
VMA-AS3-8P4-NA	HD Video Appliance 8-Port 4TB, NA. ACC licenses sold separately	2,561.34
VMA-AS3-8P4-UK	HD Video Appliance 8-Port 4TB, UK. ACC licenses sold separately	2,561.34
VMA-AS3-8P8-AU	HD Video Appliance 8-Port 8TB, AU. ACC licenses sold separately	3,151.35
VMA-AS3-8P8-EU	HD Video Appliance 8-Port 8TB, EU. ACC licenses sold separately	2,972.97
VMA-AS3-8P8-NA	HD Video Appliance 8-Port 8TB, NA. ACC licenses sold separately	3,151.35
VMA-AS3-8P8-UK	HD Video Appliance 8-Port 8TB, UK. ACC licenses sold separately	3,151.35

## ES Appliances

MODEL NUMBER	DESCRIPTION	MSRP \$
VMA-ENVR1-8P4A-AU	ES 8-Port Appliance, 4TB, ACC and Analytics licenses sold separately.	1,870.68
VMA-ENVR1-8P4A-EU	ES 8-Port Appliance, 4TB, ACC and Analytics licenses sold separately.	1,870.68
VMA-ENVR1-8P4A-NA	ES 8-Port Appliance, 4TB, ACC and Analytics licenses sold separately.	1,870.68
VMA-ENVR1-8P4A-UK	ES 8-Port Appliance, 4TB, ACC and Analytics licenses sold separately.	1,870.68
VMA-ENVR1-8P8A-AU	ES 8-Port Appliance, 8TB, ACC and Analytics licenses sold separately.	2,460.69
VMA-ENVR1-8P8A-EU	ES 8-Port Appliance, 8TB, ACC and Analytics licenses sold separately.	2,460.69

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VMA-ENVR1-8P8A-NA	ES 8-Port Appliance, 8TB, ACC and Analytics licenses sold separately.	2,460.69
VMA-ENVR1-8P8A-UK	ES 8-Port Appliance, 8TB, ACC and Analytics licenses sold separately.	2,460.69
VMA-RPA-RGD-8P2	ES 8-Port Rugged Appliance with 2TB, power supply sold separately	6,254.12
VMA-RPA-RGD-8P4	ES 8-Port Rugged Appliance with 4TB, power supply sold separately	8,260.16

## AI Appliances

MODEL NUMBER	DESCRIPTION	MSRP \$
VMA-AIA1-CG1-UPGK	Kit to upgrade VMA-AIA1-CG1-XX to VMA-AIA2-CG1-XX.	2,255.92
VMA-AIA1-CG2-UPGK	Kit to upgrade VMA-AIA1-CG2-XX to VMA-AIA2-CG2-XX.	4,280.47
VMA-AIA2-CG1-AU	AI Appliance 2 CG1 model with 10 channels of video analytics included (ACC7-VAC)	8,673.16
VMA-AIA2-CG1-EU	AI Appliance 2 CG1 model with 10 channels of video analytics included (ACC7-VAC)	8,673.16
VMA-AIA2-CG1-NA	AI Appliance 2 CG1 model with 10 channels of video analytics included (ACC7-VAC)	8,673.16
VMA-AIA2-CG1-UK	AI Appliance 2 CG1 model with 10 channels of video analytics included (ACC7-VAC)	8,673.16
VMA-AIA2-CG2-AU	AI Appliance 2 CG2 model with 30 channels of video analytics included (ACC7-VAC)	14,243.56
VMA-AIA2-CG2-EU	AI Appliance 2 CG2 model with 30 channels of video analytics included (ACC7-VAC)	14,243.56
VMA-AIA2-CG2-NA	AI Appliance 2 CG2 model with 30 channels of video analytics included (ACC7-VAC)	14,243.56
VMA-AIA2-CG2-UK	AI Appliance 2 CG2 model with 30 channels of video analytics included (ACC7-VAC)	14,243.56

## Video Archives

MODEL NUMBER	DESCRIPTION	MSRP \$
AVA-EXP1-263TB	Video Archive Expansion Unit, 263TB, 3YR Support	66,636.52
AVA-EXP1-263TB-5YR	Video Archive Expansion Unit, 263TB, 5YR Support	82,485.83
AVA-EXP1-526TB	Video Archive Expansion Unit, 526TB, 3YR Support	112,911.84
AVA-EXP1-526TB-5YR	Video Archive Expansion Unit, 526TB, 5YR Support	129,918.05
AVA-EXP1-789TB	Video Archive Expansion Unit, 789TB, 3YR Support	148,440.70
AVA-EXP1-789TB-5YR	Video Archive Expansion Unit, 789TB, 5YR Support	165,434.41
AVA-HDD1-263TB	263TB Expansion Disk Pack for Avigilon Video Archive	63,895.16
AVA-HED1-225TB	Video Archive Head Unit, 225TB, 3YR Support	83,295.65
AVA-HED1-225TB-5YR	Video Archive Head Unit, 225TB, 5YR Support	95,905.68
AVA-HED1-488TB	Video Archive Head Unit, 488TB, 3YR Support	141,139.85
AVA-HED1-488TB-5YR	Video Archive Head Unit, 488TB, 5YR Support	159,997.04
AVA-HED1-751TB	Video Archive Head Unit, 751TB, 3YR Support	174,631.61
AVA-HED1-751TB-5YR	Video Archive Head Unit, 751TB, 5YR Support	190,885.86
AVA-HED1-NVR4-CONNECT	Kit to connect an NVR4 to an Avigilon Video Archive	2,389.76

## AI NVR

MODEL NUMBER	DESCRIPTION	MSRP \$
AINVR-PRM-128TB-AU	AI NVR Premium, 128TB, AU	54,951.99
AINVR-PRM-128TB-EU	AI NVR Premium, 128TB, EU	54,951.99
AINVR-PRM-128TB-NA	AI NVR Premium, 128TB, NA	54,951.99

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AINVR-PRM-128TB-UK	AI NVR Premium, 128TB, UK	54,951.99
AINVR-PRM-160TB-AU	AI NVR Premium, 160TB, AU	67,484.90
AINVR-PRM-160TB-EU	AI NVR Premium, 160TB, EU	67,484.90
AINVR-PRM-160TB-NA	AI NVR Premium, 160TB, NA	67,484.90
AINVR-PRM-160TB-UK	AI NVR Premium, 160TB, UK	67,484.90
AINVR-PRM-64TB-AU	AI NVR Premium, 64TB, AU	35,863.40
AINVR-PRM-64TB-EU	AI NVR Premium, 64TB, EU	35,863.40
AINVR-PRM-64TB-NA	AI NVR Premium, 64TB, NA	35,863.40
AINVR-PRM-64TB-UK	AI NVR Premium, 64TB, UK	35,863.40
AINVR-PRM-96TB-AU	AI NVR Premium, 96TB, AU	41,647.82
AINVR-PRM-96TB-EU	AI NVR Premium, 96TB, EU	41,647.82
AINVR-PRM-96TB-NA	AI NVR Premium, 96TB, NA	41,647.82
AINVR-PRM-96TB-UK	AI NVR Premium, 96TB, UK	41,647.82
AINVR-PRM-PLUS-128TB-AU	AI NVR Premium+, 128TB, AU	56,086.19
AINVR-PRM-PLUS-128TB-EU	AI NVR Premium+, 128TB, EU	56,086.19
AINVR-PRM-PLUS-128TB-NA	AI NVR Premium+, 128TB, NA	56,086.19
AINVR-PRM-PLUS-128TB-UK	AI NVR Premium+, 128TB, UK	56,086.19
AINVR-PRM-PLUS-160TB-AU	AI NVR Premium+, 160TB, AU	68,619.10
AINVR-PRM-PLUS-160TB-EU	AI NVR Premium+, 160TB, EU	68,619.10
AINVR-PRM-PLUS-160TB-NA	AI NVR Premium+, 160TB, NA	68,619.10
AINVR-PRM-PLUS-160TB-UK	AI NVR Premium+, 160TB, UK	68,619.10
AINVR-PRM-PLUS-64TB-AU	AI NVR Premium+, 64TB, AU	36,997.60
AINVR-PRM-PLUS-64TB-EU	AI NVR Premium+, 64TB, EU	36,997.60
AINVR-PRM-PLUS-64TB-NA	AI NVR Premium+, 64TB, NA	36,997.60
AINVR-PRM-PLUS-64TB-UK	AI NVR Premium+, 64TB, UK	36,997.60
AINVR-PRM-PLUS-96TB-AU	AI NVR Premium+, 96TB, AU	42,782.02
AINVR-PRM-PLUS-96TB-EU	AI NVR Premium+, 96TB, EU	42,782.02
AINVR-PRM-PLUS-96TB-NA	AI NVR Premium+, 96TB, NA	42,782.02
AINVR-PRM-PLUS-96TB-UK	AI NVR Premium+, 96TB, UK	42,782.02
AINVR-STD-24TB-AU	AI NVR Standard, 24TB, AU	17,434.92
AINVR-STD-24TB-EU	AI NVR Standard, 24TB, EU	17,434.92
AINVR-STD-24TB-NA	AI NVR Standard, 24TB, NA	17,434.92
AINVR-STD-24TB-UK	AI NVR Standard, 24TB, UK	17,434.92
AINVR-STD-32TB-AU	AI NVR Standard, 32TB, AU	18,996.72
AINVR-STD-32TB-EU	AI NVR Standard, 32TB, EU	18,996.72
AINVR-STD-32TB-NA	AI NVR Standard, 32TB, NA	18,996.72
AINVR-STD-32TB-UK	AI NVR Standard, 32TB, UK	18,996.72
AINVR-STD-48TB-AU	AI NVR Standard, 48TB, AU	27,128.93
AINVR-STD-48TB-EU	AI NVR Standard, 48TB, EU	27,128.93
AINVR-STD-48TB-NA	AI NVR Standard, 48TB, NA	27,128.93
AINVR-STD-48TB-UK	AI NVR Standard, 48TB, UK	27,128.93
AINVR-VAL-12TB-AU	AI NVR Value, 12TB, AU	7,519.75
AINVR-VAL-12TB-EU	AI NVR Value, 12TB, EU	7,519.75
AINVR-VAL-12TB-NA	AI NVR Value, 12TB, NA	7,519.75
AINVR-VAL-12TB-UK	AI NVR Value, 12TB, UK	7,519.75
AINVR-VAL-6TB-AU	AI NVR Value, 6TB, AU	6,131.49

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AINVR-VAL-6TB-EU	AI NVR Value, 6TB, EU	6,131.49
AINVR-VAL-6TB-NA	AI NVR Value, 6TB, NA	6,131.49
AINVR-VAL-6TB-UK	AI NVR Value, 6TB, UK	6,131.49

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## Body-Worn Cameras

### Body-Worn Camera Accessories

MODEL NUMBER	DESCRIPTION	MSRP \$
AC-LANYARD-05	Lanyard for Body-worn cameras	6.00
AC-USB-DOCK-050	USB Cable for Body-worn cameras	26.00
AC-USB-DOCK-200	USB Cable for Body-worn cameras	26.00
AC-USB-MICROB-100	USB Cable for Body-worn cameras	30.60
DC-200-12MW	12 Month Warranty for DC-200	132.60
DC-200/AUS	DockController DC-200, PSU, AUS power & LAN cable. Available only for EU, EFTA, US, Australia, New Zealand and Canada. For use with	735.00
DC-200/EU	DockController (EU)	735.00
DC-200/US	DockController DC-200, PSU, US power & LAN cable. Available only for EU, EFTA, US, Australia, New Zealand and Canada. For use with body worn cameras.	735.00
KF-DOCKCLAMP	Klick Fast Dock Clamp (pocket klick fast dock). For use with body worn cameras.	31.00
KF-HARN3	Klick Fast 3-point chest harness	62.00
KF-HARN4	Klick Fast 4-point chest harness	62.00
KF-HARN5	Klick Fast shoulder harness. For use with body worn cameras.	62.00
KF-LOOP	Klick Fast radio loop dock. For use with body worn cameras.	21.00
KF-MAGMOUNT	Klick Fast magnetic mounting set (supplied w/o magnets). For use with body worn cameras.	31.00
KF-MAGMOUNT2	Klick Fast Magnetic Mounting Set (w/Magnets)	68.05
KF-MOLLEVEST	Klick Fast Dock for MOLLE vests. For use with body worn cameras.	21.00
KF-SCREW	Klick Fast uniform screw-on dock. For use with body worn cameras.	21.00
RF-220	RFID RF-220 reader & base (MIFARE, MULTI-ISO, and LF). For use with body worn cameras.	740.00
RF-CARD-10	10x RFID plastic cards. For use with body worn cameras.	21.00
RF-STICKER-10	10x RFID sticker-style tags. For use with body worn cameras.	11.00
VB-400-QR-KFTILT	VB-400 Tilting KlickFast for QR base	36.00
VB-400-QR-SPORT	VB-400 Sports Camera fitting for QR base	26.00

## VT100

MODEL NUMBER	DESCRIPTION	MSRP \$
VM-EPL-VT-CONNECT-1	Licence: 1x VM Connect for VT100	193.80
VM-EPL-VT-CONNECT-TO-PLUS-1	Licence: 1x Upg. to VM Plus for VT100	40.80
VM-EPL-VT-PLUS-1	Licence: 1x VM Plus for VT100	224.40
VM-ESA-VT-12M-1	SW Assurance: +12 mnths for 1x VM-EPL-VT	61.20
VM-ESA-VT-24M-1	Software Assurance: +24 Months for 1x VM-EPL-VT license	71.40
VT-100-12MW-N	Warranty: +12 mnths for 1x VT100	132.60
VT-100-24MW-N	Warranty: +24 months warranty for VT100	219.30
VT-100-DOCK14-12MW	Warranty: +12 mnths for VT-100-DOCK14	132.60

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VT-100-DOCK14-24MW	Warranty: +24 Months warranty for VT-100-DOCK14	219.30
VT-100-DOCK14/AUS	VT100 series 14-port USB dock, PSU, AUS cable. Available only for EU, EFTA, US, Australia, New Zealand and Canada.	816.00
VT-100-DOCK14/EU	VT100 series 14-port USB dock, PSU, EU cable. Available only for EU, EFTA, US, Australia, New Zealand and Canada.	816.00
VT-100-DOCK14/ROW	VT100 series 14-port USB dock, PSU, no cable. Available only for EU, EFTA, US, Australia, New Zealand and Canada.	816.00
VT-100-DOCK14/UK	VT100 series 14-port USB dock, PSU, UK cable. Available only for EU, EFTA, US, Australia, New Zealand and Canada.	816.00
VT-100-DOCK14/US	VT100 series 14-port USB dock, PSU, US cable. Available only for EU, EFTA, US, Australia, New Zealand and Canada.	816.00
VT-100-FIX-ALIG	VT100 series rotatable long Videoigator clip	20.40
VT-100-FIX-EP	VT100 series epaulette mount	25.50
VT-100-FIX-KF-ALT	VT100 series Klick Fast stud	20.40
VT-100-FIX-SPORT	VT-100 series sports camera pillar	25.50
VT-100-ID-CUS-1000	1000 Custom front panel ID-card for the VT-100 camera	2,346.00
VT-100-ID-CUS-250	250 Custom front panel ID-card for the VT100 camera	1,821.00
VT-100-ID-CUS-5000	5000 Custom front panel ID-card for the VT-100 camera	8,757.00
VT-100-ID-CUS-ART	Artwork creation for custom VT100 front panel ID-card	443.70
VT-100-N	Body-worn VT100 camera. Available only for EFTA, US, Australia, New Zealand and Canada.	377.40
VT-100-SOLO	VT100 one-port USB dock, USB cable. Available only for EU, EFTA, US and Canada.	86.70
VT-100-SOLO-12MW	Warranty: +12 Months warranty for VT-100-SOLO	35.70
VT-100-SOLO-24MW	Warranty: +24 Months warranty for VT-100-SOLO	61.20

## Accessories

MODEL NUMBER	DESCRIPTION	MSRP \$
DC-200-24MW	Warranty: +24 months warranty for DC-200	219.30
KF-DOCKEP	Klick Fast Dock Epaulette (epaulette klickfast dock)	26.00
RF-220-12MW	Warranty: +12 Months warranty for RF-220	132.60
RF-220-24MW	Warranty: +24 Months warranty for RF-220	219.30
VM-EPL-HQ-BASE	VideoManager for Head-quarters - Base	4,326.97

## VB400

MODEL NUMBER	DESCRIPTION	MSRP \$
VB-400-12MW-N	12 Month Additional Warranty for VB-400 Body-worn camera	147.90
VB-400-24MW-N	24 Month Additional Warranty for VB-400 Body-worn camera	255.00
VB-400-DOCK-SOLO	VB400 1-Port Dock	86.70
VB-400-DOCK14-12MW	12 Month Additional Warranty for VB400-DOCK14	132.60
VB-400-DOCK14-24MW	24 Month Additional Warranty for VB-400-DOCK14	255.00
VB-400-DOCK14/AUS	VB400 14-Port Dock with AUS power cable	816.00
VB-400-DOCK14/EU	VB400 14-Port Dock with EU power cable	816.00
VB-400-DOCK14/ROW	VB400 14-Port Dock with no power cable	816.00
VB-400-DOCK14/UK	VB400 14-Port Dock with UK power cable	816.00
VB-400-DOCK14/US	VB400 14-Port Dock with US power cable	816.00
VB-400-EXT-CHARGE	USB Type-A to VB400 cable including VB400 adaptor	71.00
VB-400-ID-CUS-250	Custom VB400 Front-button Stickers (250)	678.30

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VB-400-ID-CUS-ART	Custom VB400 Front button Sticker Design	413.10
VB-400-QR-KFSTUD	Klick Fast Quick Release Stud for VB-440-64-QR-N	26.00
VB-400-QR-KFTILT2	Klick Fast Quick Release Wide Tilt Mount for VB-440-64-QR-N	62.00
VB-400-SOLO-12MW	12 Month Additional Warranty for VB-400-DOCK-SOLO	35.70
VB-400-SOLO-24MW	Warranty: +24 Months warranty for VB-400-SOLO	61.20
VB-400-VF-MAG	Close-Fit Magnetic Mount for VB-440-64-VF-N	36.00
VB-400-VF-MOL2	Close-Fit Double MOLLE Mount for VB-440-64-VF-N	72.00
VB-440-64-ALIG	VB400 Alligator clip Body-worn camera	606.90
VB-440-64-KF-N	VB400 Klick Fast Stud Body-worn camera	606.90
VB-440-64-QR-N	VB400 Body-worn camera with QuickRelease Mount	607.00
VB-440-64-VF-N	VB400 Close Fit Body-worn camera	607.00
VM-EPL-VB-CONNECT-1	License: 1x VideoManager CONNECT license for VB400 body-worn camera	316.20
VM-EPL-VB-CONNECT-TO-PLUS-1	License: 1x VideoManager UPGRADE license for VB400 body-worn camera	122.40
VM-EPL-VB-PLUS-1	License: 1x VideoManager PLUS license for VB400 body-worn camera	402.90
VM-ESA-VB-12M-1	12 Month Additional S/W Assurance for VideoManager (VB400)	86.70
VM-ESA-VB-24M-1	Software Assurance: +24 Months for 1x VM-EPL-VB license	147.90

## Software

MODEL NUMBER	DESCRIPTION	MSRP \$
VM-EPL-STORE-1TB	VideoManager object storage access license, 1TB	884.68
VM-ESA-3PVMS-12M	12 m for VideoManager 3rd-party VMS	1,378.05
VM-ESA-3PVMS-24M	24 m for VideoManager 3rd-party VMS	2,427.19
VM-ESA-HQ-BASE-12M	12 m for VideoManager HQ Base	884.68
VM-ESA-HQ-BASE-24M	24 m for VideoManager HQ Base	1,548.18
VM-ESA-STORE1TB12M	12 m for VideoManager ObjectStorage 1Tb	209.83

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## Video Management

### Videexpert®

MODEL NUMBER	DESCRIPTION	MSRP \$
FLDSUP-AUDIT	One Day Onsite (8Hrs) System Audit	3,500.00
FLDSUP-CONFIG	One Day Onsite (8Hrs) System Configuration	3,500.00
FLDSUP-NETWORK	One Day Onsite (8Hrs) Network Configuration	5,250.00
FLDSUP-TSHOOT	One Day Onsite (8Hrs) Troubleshoot	3,500.00
FTRVL-ADDTLDAY	One Additional Day Of Travel	575.00
FTRVL-FRSTAIR	First Day Of Travel By Air	2,800.00
RMTSUP-AUDIT	One Day Remote (8Hrs) System Audit	3,500.00
RMTSUP-CONFIG	One Day Remote (8Hrs) System Configuration	3,500.00
RMTSUP-NETWORK	One Day Remote (8Hrs) Network Design/Configuration/Troubleshoot	5,250.00
RMTSUP-TSHOOT	One Day Remote (8Hrs) Troubleshoot	3,500.00

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Product Type	Part Name	Description	List Price
DAS Head End	AD XV-H-AAI	AD XV DAS Head End Auxiliary Alarm Interface Module	\$ 1,530
DAS Head End	AD XV-H-CBL-BBX-11	AD XV DAS Head End cable to connect to BBL or BBS. Compatible with AD XV-R-PSU-AC.	\$ 270
DAS Head End	AD XV-H-CHC-168-DL	AD XV DAS Head End Channel Combiner Module for Downlink (16 Inputs + 8 Outputs)	\$ 1,530
DAS Head End	AD XV-H-CHC-168-UL	AD XV DAS Head End Channel Combiner Module for Uplink (16 Inputs + 8 Outputs)	\$ 1,530
DAS Head End	AD XV-H-CHC-168-DL-X	AD XV DAS Head End Channel Combiner Module for Downlink (16 Inputs + 8 Outputs) (sppt C Band)	\$ 3,380
DAS Head End	AD XV-H-CHC-168-UL-X	AD XV DAS Head End Channel Combiner Module for Uplink (16 Inputs + 8 Outputs) (sppt C Band)	\$ 3,380
DAS Head End	AD XV-H-CHC-44M-DL	AD XV DAS Head End Channel Combiner Module for Downlink [2 * (4 Inputs + 4 Outputs)] (for MIMO)	\$ 770
DAS Head End	AD XV-H-CHC-44M-UL	AD XV DAS Head End Channel Combiner Module for Uplink [2 * (4 Inputs + 4 Outputs)] (for MIMO)	\$ 770
DAS Head End	AD XV-H-CHC-88-DL	AD XV DAS Head End Channel Combiner Module for Downlink (8 Inputs + 8 Outputs)	\$ 770
DAS Head End	AD XV-H-CHC-88-UL	AD XV DAS Head End Channel Combiner Module for Uplink (8 Inputs + 8 Outputs)	\$ 770
DAS Head End	AD XV-H-CHC-88-DL-X	AD XV DAS Head End Channel Combiner Module for Downlink (8 Inputs + 8 Outputs) (sppt C Band)	\$ 1,870
DAS Head End	AD XV-H-CHC-88-UL-X	AD XV DAS Head End Channel Combiner Module for Uplink (8 Inputs + 8 Outputs) (sppt C Band)	\$ 1,870
DAS Head End	AD XV-H-NMS-AC	AD XV DAS Head End Chassis + Network Management System + AC Power Supply Unit	\$ 2,030
DAS Head End	AD XV-H-NMS-DC	AD XV DAS Head End Chassis + Network Management System + DC Power Supply Unit	\$ 2,030
DAS Head End	AD XV-H-NMS-5GS1	AD XV DAS Head End Chassis Safety Guard (Custom)	\$ 1,240
DAS Head End	AD XV-H-NMS-WMK	AD XV DAS Head End Wall Mount Kit for AD XV-H-NMS-AC/DC	\$ 340
DAS Head End	AD XV-H-ODU-1	AD XV DAS Head End Optical Donor Unit Module (1 Port)	\$ 2,540
DAS Head End	AD XV-H-ODU-4	AD XV DAS Head End Optical Donor Unit Module (4 Ports)	\$ 2,540
DAS Head End	AD XV-H-ODU-4-X	AD XV DAS Head End Optical Donor Unit Module (4 Ports) (sppt C Band)	\$ 5,360
DAS Head End	AD XV-H-POI-6	AD XV DAS Head End Point Of Interface Module 600MHz (0-48dBm)	\$ 2,540
DAS Head End	AD XV-H-POI-7APT	AD XV DAS Head End Point Of Interface Module 700MHz APT FDD (0-48dBm)	\$ 2,540
DAS Head End	AD XV-H-POI-7L	AD XV DAS Head End Point Of Interface Module 700MHz Lower A, B, C (0-48dBm)	\$ 2,540
DAS Head End	AD XV-H-POI-7U	AD XV DAS Head End Point Of Interface Module 700MHz Upper C + Band 14 (0-48dBm)	\$ 2,540
DAS Head End	AD XV-H-POI-A	AD XV DAS Head End Point Of Interface Module AWS-1 + AWS-3 (0-48dBm)	\$ 2,540
DAS Head End	AD XV-H-POI-BT	AD XV DAS Head End Point Of Interface Module BRS TD-LTE (0-48dBm)	\$ 3,310
DAS Head End	AD XV-H-POI-BTF	AD XV DAS Head End Point Of Interface Module BRS TD-LTE / 5G NR (0-48dBm)	\$ 3,310
DAS Head End	AD XV-H-POI-N77H	AD XV DAS Head End Point Of Interface Module C Band High (3.70-3.98GHz) (0-46dBm)	\$ 4,500
DAS Head End	AD XV-H-POI-N77L	AD XV DAS Head End Point Of Interface Module C Band Low (3.45-3.55GHz) (0-46dBm)	\$ 4,500
DAS Head End	AD XV-H-POI-P	AD XV DAS Head End Point Of Interface Module PCS (0-48dBm)	\$ 2,540
DAS Head End	AD XV-H-POI-S8C	AD XV DAS Head End Point Of Interface Module SMR800MHz (Commercial) + Cellular (0-48dBm)	\$ 2,540
DAS Head End	AD XV-H-POI-W	AD XV DAS Head End Point Of Interface Module WCS (0-48dBm)	\$ 2,540
DAS Head End	AD XV-H-POIL-78P	AD XV DAS Head End Point Of Interface Module Public Safety 700MHz/800MHz (0-25dBm)	\$ 1,530
DAS Head End	AD XV-H-POIL-9P	AD XV DAS Head End Point Of Interface Module 900MHz + Paging (0-25dBm)	\$ 2,090
DAS Head End	AD XV-H-POIL-B	AD XV DAS Head End Point Of Interface Module BRS LTE-FDD (0-25dBm)	\$ 2,090
DAS Head End	AD XV-H-POIL-VU	AD XV DAS Head End Point Of Interface Module VHF/UHF (0-25dBm) (2 slots)	\$ 2,700
DAS Head End	AD XV-H-RACK	AD XV DAS Head End Chassis (Rack Type) (supports 2 HE Modules)	\$ 1,010
DAS High Power Remote Unit	AD XV-HPR-436	AD XV DAS High Power Remote 600MHz 43dBm Amplifier Module	\$ 5,270
DAS High Power Remote Unit	AD XV-HPR-437F	AD XV DAS High Power Remote 700MHz Lower A/B/C + Upper C 43dBm Amplifier Module	\$ 5,270
DAS High Power Remote Unit	AD XV-HPR-437FN	AD XV DAS High Power Remote 700MHz Lower A/B/C + Upper C + Band 14 43dBm Amplifier Module	\$ 8,100
DAS High Power Remote Unit	AD XV-HPR-43BTF	AD XV DAS High Power Remote BRS 5G/TD-LTE 43dBm Amplifier Module	\$ 6,370
DAS High Power Remote Unit	AD XV-HPR-43S8C	AD XV DAS High Power Remote SMR800MHz (Commercial) + Cellular 43dBm Amplifier Module	\$ 5,270
DAS High Power Remote Unit	AD XV-HPR-45W	AD XV DAS High Power Remote WCS 45dBm Amplifier Module	\$ 5,510
DAS High Power Remote Unit	AD XV-HPR-46A	AD XV DAS High Power Remote AWS-1 + AWS-3 46dBm Amplifier Module	\$ 5,510
DAS High Power Remote Unit	AD XV-HPR-46N77H	AD XV DAS High Power Remote C Band High (3.70-3.98GHz) 46dBm Amplifier Module	\$ 12,380
DAS High Power Remote Unit	AD XV-HPR-46N77L	AD XV DAS High Power Remote C Band Low (3.45-3.55GHz) 46dBm Amplifier Module	\$ 12,380
DAS High Power Remote Unit	AD XV-HPR-46BT	AD XV DAS High Power Remote BRS TD-LTE 46dBm Amplifier Module	\$ 6,370
DAS High Power Remote Unit	AD XV-HPR-46P	AD XV DAS High Power Remote PCS 46dBm Amplifier Module	\$ 5,510
DAS High Power Remote Unit	AD XV-HPR-CBL-12M	AD XV DAS High Power Remote Unit 1-to-2 PSU cable to support MIMO with 1 PSU	\$ 290
DAS High Power Remote Unit	AD XV-HPR-CBL-12S	AD XV DAS High Power Remote Unit 1-to-2 PSU cable to support SISO with 1 PSU	\$ 290
DAS High Power Remote Unit	AD XV-HPR-CBL-13S	AD XV DAS High Power Remote Unit 1-to-3 PSU cable to support SISO with 1 PSU	\$ 290
DAS High Power Remote Unit	AD XV-HPR-CHA	AD XV DAS High Power Remote Chassis (supports 6 HPR Modules) (rack or wall mountable)	\$ 970
DAS High Power Remote Unit	AD XV-HPR-CHA-SG	AD XV DAS High Power Remote Unit Chassis Safety Guard	\$ 970
DAS High Power Remote Unit	AD XV-HPR-CHA-5GS1	AD XV DAS High Power Remote Unit Chassis Safety Guard (Custom)	\$ 1,550
DAS High Power Remote Unit	AD XV-HPR-CHC-U	AD XV DAS High Power Remote Universal Channel Combiner (700MHz, SMR800MHz + Cellular, PCS, AWS, WCS, BRS)	\$ 4,050
DAS High Power Remote Unit	AD XV-HPR-CHC-U-LH	AD XV DAS High Power Remote Universal Channel Combiner (700MHz, SMR800MHz + Cellular Low Part / PCS, AWS, WCS, BRS)	\$ 4,050
DAS High Power Remote Unit	AD XV-HPR-CHC-X	AD XV DAS High Power Remote Universal Channel Combiner (600MHz, 700MHz, SMR800MHz + Cellular, PCS, AWS, WCS, BRS)	\$ 4,500
DAS High Power Remote Unit	AD XV-HPR-ORU	AD XV DAS High Power Remote Optical Remote Unit Module	\$ 3,350
DAS High Power Remote Unit	AD XV-HPR-ORU-X	AD XV DAS High Power Remote Optical Remote Unit Module (sppt C Band)	\$ 5,780
DAS High Power Remote Unit	AD XV-HPR-PMK	AD XV DAS High Power Remote Pole Mount Chassis (supports 8 HPR & 1 HPR-CHC Modules)	\$ 2,790
DAS High Power Remote Unit	AD XV-HPR-PSU-AC	AD XV DAS High Power Remote AC Power Supply Unit Module	\$ 830
DAS High Power Remote Unit	AD XV-HPR-PSU-AC-50	AD XV DAS High Power Remote AC Power Supply Unit Module (50V)	\$ 5,450
DAS High Power Remote Unit	AD XV-HPR-PSU-DC	AD XV DAS High Power Remote DC Power Supply Unit Module	\$ 3,830
DAS High Power Remote Unit	AD XV-HPR-PSU-DC-50	AD XV DAS High Power Remote DC Power Supply Unit Module (50V)	\$ 5,450
DAS High Power Remote Unit	AD XV-HPR-RACK	AD XV DAS High Power Remote Chassis (Rack Type) (supports 1 HPR Module)	\$ 1,040
DAS Medium Power Remote Unit	AD XV-CHA-WMK-X	AD XV DAS Remote Unit Wall Mount Kit for AD XV-R-CHA or AD XV-HPR-CHA with support for 15/30 degrees tilt	\$ 1,130
DAS Medium Power Remote Unit	AD XV-BPF-7PDL	AD XV DAS Remote Unit External Filter to support PS 700 DL path	\$ 1,130
DAS Medium Power Remote Unit	AD XV-BPF-7P58DL	AD XV DAS Remote Unit External Filter to support PS 700 and SMR 800 DL path	\$ 1,400
DAS Medium Power Remote Unit	AD XV-BPF-58DL	AD XV DAS Remote Unit External Filter to support PS 800 DL path	\$ 1,130
DAS Medium Power Remote Unit	AD XV-EF-7F	AD XV DAS Remote Unit External Filter to support 700MHz Commercial	\$ 1,400
DAS Medium Power Remote Unit	AD XV-EF-CHA-N4X	AD XV DAS IP66 enclosure for up to 2 AD XV External Filters	\$ 680
DAS Medium Power Remote Unit	AD XV-EF-58C	AD XV DAS Remote Unit External Filter to support SMR 800 Commercial/Cellular	\$ 1,200
DAS Medium Power Remote Unit	AD XV-R-25VU-N4X	AD XV DAS Remote Unit VHF/UHF 25dBm Amplifier Module (incl ORU, PSU AC, IP66)	\$ 5,850
DAS Medium Power Remote Unit	AD XV-R-336	AD XV DAS Remote Unit 600MHz 33dBm Amplifier Module	\$ 2,030
DAS Medium Power Remote Unit	AD XV-R-3378P-N4X	AD XV DAS Remote Unit Public Safety 700MHz/800MHz 33dBm Amplifier Module (incl ORU, PSU AC, IP66)	\$ 5,850
DAS Medium Power Remote Unit	AD XV-R-337APT	AD XV DAS Remote Unit 700MHz APT FDD 33dBm Amplifier Module	\$ 2,030
DAS Medium Power Remote Unit	AD XV-R-337F	AD XV DAS Remote Unit 700MHz Lower A/B/C + Upper C 33dBm Amplifier Module	\$ 2,030
DAS Medium Power Remote Unit	AD XV-R-337FN	AD XV DAS Remote Unit 700MHz Lower A/B/C + Upper C + Band 14 33dBm Amplifier Module	\$ 4,500
DAS Medium Power Remote Unit	AD XV-R-339P	AD XV DAS Remote Unit 900MHz + Paging 33dBm Amplifier Module	\$ 3,440
DAS Medium Power Remote Unit	AD XV-R-33BTF	AD XV DAS Remote Unit BRS 5G/LTE-TDD 33dBm Amplifier Module	\$ 3,440
DAS Medium Power Remote Unit	AD XV-R-33S8C	AD XV DAS Remote Unit SMR800MHz (Commercial) + Cellular 33dBm Amplifier Module	\$ 2,030
DAS Medium Power Remote Unit	AD XV-R-37A	AD XV DAS Remote Unit AWS-1 + AWS-3 37dBm Amplifier Module	\$ 2,300
DAS Medium Power Remote Unit	AD XV-R-37B	AD XV DAS Remote Unit BRS LTE-FDD 37dBm Amplifier Module	\$ 3,440



Product Type	Part Name	Description	List Price
DAS Medium Power Remote U	ADXX-R-37BT	ADX V DAS Remote Unit BRS LTE-TDD 37dBm Amplifier Module	\$ 3,440
DAS Medium Power Remote U	ADXX-R-37N77H	ADX V DAS Remote Unit C Band High (3.70-3.98GHz) 37dBm Amplifier Module	\$ 10,310
DAS Medium Power Remote U	ADXX-R-37N77L	ADX V DAS Remote Unit C Band Low (3.45-3.55GHz) 37dBm Amplifier Module	\$ 9,070
DAS Medium Power Remote U	ADXX-R-37P	ADX V DAS Remote Unit PCS 37dBm Amplifier Module	\$ 2,300
DAS Medium Power Remote U	ADXX-R-37W	ADX V DAS Remote Unit WCS 37dBm Amplifier Module	\$ 2,300
DAS Medium Power Remote U	ADXX-R-ADP	ADX V DAS OEU-8 AC/DC Power Adaptor	\$ 230
DAS Medium Power Remote U	ADXX-R-CBL-12S	ADX V DAS Remote Unit 1 to 2 power splitter cable (has data pins intact) for SISO	\$ 270
DAS Medium Power Remote U	ADXX-R-CBL-13	ADX V DAS Remote Unit 1-to-3 PSU cable to support MIMO with 1 PSU	\$ 270
DAS Medium Power Remote U	ADXX-R-CHA	ADX V DAS Remote Unit Chassis (supports 7 RU Modules) (rack or wall mountable)	\$ 650
DAS Medium Power Remote U	ADXX-R-CHA-3	ADX V DAS Remote Unit Chassis (supports 3 RU Modules) (rack or wall mountable)	\$ 650
DAS Medium Power Remote U	ADXX-R-CHA-SG	ADX V DAS Remote Unit Chassis Safety Guard	\$ 650
DAS Medium Power Remote U	ADXX-R-CHA-SGS1	ADX V DAS Remote Unit Chassis Safety Guard (Custom)	\$ 930
DAS Medium Power Remote U	ADXX-R-CHC-U	ADX V DAS Remote Unit Universal Channel Combiner (700MHz, SMR800MHz + Cellular, PCS, AWS, WCS, BRS)	\$ 2,700
DAS Medium Power Remote U	ADXX-R-CHC-X	ADX V DAS Remote Unit Universal Channel Combiner (600MHz, 700MHz, SMR800MHz + Cellular, PCS, AWS, WCS, BRS, CBRS)	\$ 4,500
DAS Medium Power Remote U	ADXX-R-CHC-X2	ADX V DAS Remote Unit Universal Channel Combiner (600MHz, 700MHz, SMR800MHz + Cellular, PCS, AWS, WCS, BRS, C Band)	\$ 4,800
DAS Medium Power Remote U	ADXX-R-CHC-X2-WMK	ADX V DAS Remote Unit Universal Channel Combiner Wall Mount Kit	\$ 290
DAS Medium Power Remote U	ADXX-R-FAN-DC	DC Fan for Remote Unit Chassis (Rack Mounted)	\$ 340
DAS Medium Power Remote U	ADXX-R-OEU-8	ADX V DAS Optical Expansion Unit (supports 8 Remote Units)	\$ 6,590
DAS Medium Power Remote U	ADXX-R-ORU	ADX V DAS Remote Unit Optical Remote Unit Module	\$ 2,790
DAS Medium Power Remote U	ADXX-R-ORU-X	ADX V DAS Remote Unit Optical Remote Unit Module (spt C Band)	\$ 4,950
DAS Medium Power Remote U	ADXX-R-PSU-AC	ADX V DAS Remote Unit AC Power Supply Unit Module	\$ 1,780
DAS Medium Power Remote U	ADXX-R-PSU-DC	ADX V DAS Remote Unit DC Power Supply Unit Module	\$ 1,780
DAS Medium Power Remote U	ADXX-R-RACK	ADX V DAS Remote Unit Chassis (Rack Type) (supports 2 RU Module)	\$ 810
DAS Spare Parts	ADXX-H-NMS-CBL-AC	6ft AC Power Cable (Chogori to 3-prong)	\$ 180
DAS Spare Parts	ADXX-R-CBL-AC	ADX V DAS Remote Unit Power Supply AC Cable	\$ 180
DAS Spare Parts	ADXX-R-CBL-ALM	ADX V DAS Remote Unit Alarming Cable	\$ 140
DAS Spare Parts	ADXX-R-CBL-DC	ADX V DAS Remote Unit Power Supply DC Cable	\$ 180
DAS Spare Parts	ADXX-R-CBL-DC-16	16ft DC power cable for MPR-PSU to MPR-RAM/ORU	\$ 210
DAS Spare Parts	ADXX-R-N4X-CBL-AC	6ft AC Power Cable for ADXX-R-3378P-N4X or ADXX-R-25VU-N4X	\$ 180
DAS Spare Parts	ADXX-R-N4X-CBL-AC-12	12ft AC Power Cable for ADXX-R-3378P-N4X or ADXX-R-25VU-N4X	\$ 240
DAS Spare Parts	ADXX-R-N4X-RMK	19" Rack Mount Kit for ADXX-R-3378P-N4X or ADXX-R-25VU-N4X	\$ 780
DAS Spare Parts	ADXX-HPR-PMK-RB-14	ADXX-HPR Ring Bracket Set (2 rings) with pole diameter support for 10-14in	\$ 1,580
DAS Spare Parts	ADXX-HPR-PMK-RB-20	ADXX-HPR Ring Bracket Set (2 rings) with pole diameter support for 14-20in	\$ 1,800
DAS Spare Parts	ADXX-HPR-PMK-RB-30	ADXX-HPR Ring Bracket Set (2 rings) with pole diameter support for 20-30in	\$ 2,030
DAS Spare Parts	ADXX-R-ORU-CBL-10	ADX V DAS Remote Unit 10 ft SC/APC to SC/APC Optic Jumper Cable between ODU and ORU	\$ 370
DAS Spare Parts	ADXX-R-ORU-CBL-20	ADX V DAS Remote Unit 20 ft SC/APC to SC/APC Optic Jumper Cable between ODU and ORU	\$ 300
DAS Spare Parts	ADXX-R-ORU-CBL-20-S1	20ft Fiber Optic Jumper Cable between ODU and ORU - Proprietary SC/APC to LC/UPC connector	\$ 340
DAS Spare Parts	ADXX-R-ORU-CBL-20-S2	20ft Fiber Optic Jumper Cable between ODU and ORU - Proprietary SC/APC to LC/APC connector	\$ 550
DAS Spare Parts	ADXX-R-ORU-CBL-30-S1	30ft Fiber Optic Jumper Cable between ODU and ORU - Proprietary SC/APC to LC/UPC connector	\$ 360
DAS Spare Parts	ADXX-R-ORU-CBL-30-S2	30ft Fiber Optic Jumper Cable between ODU and ORU - Proprietary SC/APC to LC/APC connector	\$ 580
DAS Spare Parts	ADXX-R-PSU-CBL-DC	ADXV DC power cable between ADXX-R-PSU and ADXX-R-ORU or ADXX MPR Amplifier Module	\$ 140
DAS Spare Parts	ADXX-HPR-CBL-AC	10 ft AC power cable for ADXX-HPR-PSU-AC	\$ 270
DAS Spare Parts	ADXX-HPR-CBL-DC	DC power Y-cable for HPR-PSU to HPR-RAM	\$ 230
DAS Spare Parts	ADXX-MMF-KIT	ADXX Kit for Multi-Mode Fiber	\$ 1,600
Repeater	RMK-SDR	19" RACK MOUNT BRACKET FOR SDR MODULE (INCLUDES SDR-BRACKET)	\$ 750
Repeater	SDR-24-700F	700 MHZ LTE RF MODULE (90 DB MAX GAIN, 24 DBM COMPOSITE OUTPUT POWER), SUPPORTS LOWER A, LOWER B, LOWER C	\$ 4,600
Repeater	SDR-24-AF	AWS RF MODULE (90 DB MAX GAIN, 24 DBM COMPOSITE OUTPUT POWER), SUPPORTS AWS-1 AND AWS-3	\$ 4,600
Repeater	SDR-24-C	CELLULAR RF MODULE (90 DB MAX GAIN, 24 DBM COMPOSITE OUTPUT POWER), SUPPORTS ANY TECHNOLOGY	\$ 4,600
Repeater	SDR-24-P	PCS RF MODULE (90 DB MAX GAIN, 24 DBM COMPOSITE OUTPUT POWER), SUPPORTS ANY TECHNOLOGY	\$ 4,600
Repeater	SDR-24-S	SMR800/900 RF MODULE (80 DB GAIN, 24 DBM COMPOSITE OUTPUT POWER), SUPPORTS ANY TECHNOLOGY	\$ 4,600
Repeater	SDR-30-600	600 MHZ LTE RF MODULE (90 DB MAX GAIN, 30 DBM COMPOSITE OUTPUT POWER)	\$ 5,000
Repeater	SDR-30-700F	700 MHZ LTE RF MODULE (90 DB MAX GAIN, 30 DBM COMPOSITE OUTPUT POWER), SUPPORTS LOWER A, LOWER B, LOWER C	\$ 5,000
Repeater	SDR-30-AF	AWS RF MODULE (90 DB MAX GAIN, 30 DBM COMPOSITE OUTPUT POWER), SUPPORTS AWS-1 AND AWS-3	\$ 5,000
Repeater	SDR-30-C	CELLULAR RF MODULE (90 DB MAX GAIN, 30 DBM COMPOSITE OUTPUT POWER), SUPPORTS ANY TECHNOLOGY	\$ 5,000
Repeater	SDR-30-P	PCS RF MODULE (90 DB MAX GAIN, 30 DBM COMPOSITE OUTPUT POWER), SUPPORTS ANY TECHNOLOGY	\$ 5,000
Repeater	SDR-30-S	SMR800/900 RF MODULE (80 DB GAIN, 30 DBM COMPOSITE OUTPUT POWER), SUPPORTS ANY TECHNOLOGY	\$ 5,000
Repeater	SDR-33-700F	700 MHZ LTE RF MODULE (95 DB MAX GAIN, 33 DBM COMPOSITE OUTPUT POWER), SUPPORTS LOWER A, LOWER B, LOWER C	\$ 5,400
Repeater	SDR-33-AF	AWS RF MODULE (95 DB MAX GAIN, 33 DBM COMPOSITE OUTPUT POWER), SUPPORTS AWS-1 AND AWS-3	\$ 5,400
Repeater	SDR-33-B	BRS (2.5 GHz) RF MODULE (95 DB MAX GAIN, 33 DBM COMPOSITE OUTPUT POWER), SUPPORTS LTE-FDD TECHNOLOGY	\$ 5,400
Repeater	SDR-33-BT	BRS (2.5 GHz) RF MODULE (95 DB MAX GAIN, 33 DBM COMPOSITE OUTPUT POWER), SUPPORTS LTE-TDD TECHNOLOGY	\$ 5,400
Repeater	SDR-33-BTF	BRS (2.5 GHz) RF MODULE (95 DB MAX GAIN, 33 DBM COMPOSITE OUTPUT POWER), SUPPORTS 5G NR/LTE-TDD TECHNOLOGY	\$ 9,000
Repeater	SDR-33-C	CELLULAR RF MODULE (95 DB MAX GAIN, 33 DBM COMPOSITE OUTPUT POWER), SUPPORTS ANY TECHNOLOGY	\$ 5,400
Repeater	SDR-33-P	PCS RF MODULE (95 DB MAX GAIN, 33 DBM COMPOSITE OUTPUT POWER), SUPPORTS ANY TECHNOLOGY	\$ 5,400
Repeater	SDR-33-S	SMR800/900 RF MODULE (95 DB MAX GAIN, 33 DBM COMPOSITE OUTPUT POWER), SUPPORTS ANY TECHNOLOGY	\$ 5,400
Repeater	SDR-BRACKET	STANDALONE MOUNTING BRACKET FOR SDR MODULE	\$ 150
Repeater	SDR-CBL-AC	SDR-CBL-AC (SDR AC POWER CABLE FOR 110VAC (AC OUTLET TO CHASSIS))	\$ 120
Repeater	SDR-CBL-DC	SDR-CBL-DC (SDR 4-PIN TO 2-PIN DC POWER CABLE (SDR MODULE TO NMS))	\$ 20
Repeater	SDR-CHC-S	OPTIONAL CHANNEL COMBINER	\$ 2,000
Repeater	SDR-CHC-V	OPTIONAL CHANNEL COMBINER	\$ 2,000
Repeater	SDR-NMS	INCLUDES CHASSIS, NETWORK MANAGEMENT SYSTEM, ACCESSORIES, AND WALL MOUNTING BRACKET	\$ 2,000
Repeater	SDR-NMS-WMK	WALL MOUNT BRACKET KIT FOR SDR-NMS	\$ 400
Repeater	SDR-ICS-43-6	HIGH POWER OUTDOOR REPEATER MODULE FOR 600 MHZ	\$ 11,200
Repeater	SDR-ICS-43-7FN	HIGH POWER OUTDOOR REPEATER MODULE FOR 700 MHZ (INCLUDES BAND 14)	\$ 18,000
Repeater	SDR-ICS-43-7L	HIGH POWER OUTDOOR REPEATER MODULE FOR 700 MHZ LOWER A/B/C	\$ 10,000
Repeater	SDR-ICS-43-7U	HIGH POWER OUTDOOR REPEATER MODULE FOR 700 MHZ UPPER C	\$ 10,000
Repeater	SDR-ICS-43-A	HIGH POWER OUTDOOR REPEATER MODULE FOR 2100 MHZ	\$ 10,000
Repeater	SDR-ICS-43-BT	HIGH POWER OUTDOOR REPEATER MODULE FOR 2500 MHZ (TDD LTE)	\$ 11,200
Repeater	SDR-ICS-43-P	HIGH POWER OUTDOOR REPEATER MODULE FOR 1900 MHZ	\$ 10,000
Repeater	SDR-ICS-43-S8C	HIGH POWER OUTDOOR REPEATER MODULE FOR SMR 800 MHZ/CELLULAR	\$ 10,000
Repeater	SDR-ICS-43-W	HIGH POWER OUTDOOR REPEATER MODULE FOR 2300 MHZ	\$ 11,200
Repeater	SDR-ICS-CHA	19" RACK MOUNT CHASSIS TO SUPPORT UP TO 4 SDR-ICS MODULES INCLUDES ACCESSORIES	\$ 1,000
Repeater	SDR-ICS-CHC	UNIVERSAL CHANNEL COMBINER FOR SDR-ICS SERIES HIGH POWER OUTDOOR REPEATERS	\$ 2,700



Product Type	Part Name	Description	List Price
Repeater	SDR-ICS-ENC-2	ENCLOSURE FOR SDR ICS SUPPORT UP TO 2 MODULES	\$ 3,200
Repeater	SDR-ICS-ENC-4	ENCLOSURE FOR SDR ICS SUPPORT UP TO 4 MODULES	\$ 4,400
Repeater	SDR-ICS-ENC-CBL-11	6.5FT 4-PIN BATTERY BACKUP CABLE FOR SDR-ICS-ENC TO ADRF-BBX-N4	\$ 220
Repeater	SDR-ICS-MOD	INTERNAL MODEM MODULE FOR SDR ICS	\$ 1,000
Repeater	SDR-ICS-WMK	WALL MOUNT KIT FOR SDR ICS MODULE	\$ 200
Repeater	SDR-43-BTF	BRS (TD-LTE) SDRX MODULE W/ 43DBM COMPOSITE OUTPUT POWER (200MHZ SUPPORT)	\$ 15,000
Repeater	AXM700F-9543-ICS-X	HIGH POWER OUTDOOR 700MHZ LTE REPEATER WITH 95dB MAX GAIN, 43dBm (20W) COMPOSITE OUTPUT POWER, DIGITAL	\$ 18,000
Repeater	AXM850-9543-ICS-X	HIGH POWER OUTDOOR 850MHZ LTE REPEATER WITH 95dB MAX GAIN, AND 43dBm (20W) COMPOSITE OUTPUT POWER, DIG	\$ 18,000
Repeater	AXM1900-9543-ICS-X	HIGH POWER OUTDOOR 1900MHZ LTE REPEATER WITH 95dB MAX GAIN, AND 43dBm (20W) COMPOSITE OUTPUT POWER, DI	\$ 18,000
Repeater	AXM2100-9543-ICS-X	HIGH POWER OUTDOOR 2100MHZ LTE REPEATER WITH 95dB MAX GAIN, AND 43dBm (20W) COMPOSITE OUTPUT POWER, DI	\$ 18,000
Repeater + DAS Head End	FiRe-78-4	Fiber Optic Repeater supports 700/800MHz and up to 4 RU	\$ 18,000
Repeater + DAS Head End	FiRe-AAI	Fiber Optic Repeater Auxiliary Alarm Interface Module	\$ 4,000
Repeater + DAS Head End	FiRe-AAI-CBL	Dry Contact Alarm Cable for FiRe-AAI (No Aux Input Pins)	\$ 300
Repeater + DAS Head End	FiRe-AAI-CBL-175	175ft FiRe-AAI cable between FiRe-78-4 and FiRe-AAI	\$ 1,000
Repeater + DAS Head End	FiRe-78-RMK	19" RACK MOUNT BRACKET FOR FIRE-78-4 OR PSR-78-9533	\$ 660
Repeater	PSR-78-8527-PKG	PUBLIC SAFETY 700/800 MHZ CLASS B REPEATER (27 DBM OUTPUT, 85 DB GAIN, UL 62368-01) WITH PSR-ANN-L ANNUNCIATO	\$ 8,000
Repeater	PSR-78-8527-RMK	19" RACK MOUNT KIT FOR THE PSR-78-8527	\$ 660
Repeater	PSR-78-9533-U	UL 2524 LISTED PUBLIC SAFETY 700/800 MHZ CHANNELIZED DIGITAL REPEATER (33 DBM OUTPUT, 95 DB GAIN) W/ ANNUNCI	\$ 12,000
Repeater	PSR-78-9533-X	PUBLIC SAFETY 700/800 MHZ CHANNELIZED DIGITAL REPEATER (33 DBM OUTPUT, 95 DB GAIN, MET CLASSIFIED FOR UL 2524	\$ 12,000
Repeater	PSR-78-9537-U	UL 2524 LISTED PUBLIC SAFETY 700/800 MHZ CHANNELIZED DIGITAL REPEATER (37 DBM OUTPUT, 95 DB GAIN) W/ ANNUNCI	\$ 20,000
Repeater	PSR-78-9537-X	PUBLIC SAFETY 700/800 MHZ CHANNELIZED DIGITAL REPEATER (37 DBM OUTPUT, 95 DB GAIN, MET CLASSIFIED FOR UL 2524	\$ 20,000
Repeater	PSR-U-9537-U	*CUSTOM PART ~4-6 WK LEAD TIME ARO* UL 2524 LISTED PUBLIC SAFETY UHF CHANNELIZED DIGITAL REPEATER (37 DBM OU	\$ 13,000
Repeater	PSR-VU-9537-U	UL 2524 LISTED PUBLIC SAFETY VHF/UHF CHANNELIZED DIGITAL REPEATER (37 DBM OUTPUT, 95 DB GAIN) W/ ANNUNCIATOR	\$ 13,000
Repeater	PSR-VU-9537-X	*CUSTOM PART ~4-6 WK LEAD TIME ARO* PUBLIC SAFETY VHF/UHF CHANNELIZED DIGITAL REPEATER (37 DBM OUTPUT, 95 D	\$ 13,000
Repeater	PSR-VU-RMK	19" RACK MOUNT BRACKET FOR PSR-VU-9537 OR PSR-78-9537	\$ 660
Repeater	PSR-AAI-CBL	Dry Contact Alarm Cable for PSR-78, PSR-VU, and ADVX N4X RU	\$ 380
Repeater	PSR-ANN-L	PSR ANNUNCIATOR (8-PIN) COMPATIBLE WITH THE PSR-78-8527-PKG AND PSR-U SERIES W/ ADAPTER KIT (SUPPORT UP TO 10	\$ 1,000
Repeater	PSR-ANN-L-CBL-100	100ft PSR-ANN-L Annunciator Cable	\$ 280
Repeater	PSR-ANN-L-CBL-500	500ft PSR-ANN-L Annunciator Cable	\$ 1,100
Repeater	PSR-ANN-L-CBL-1000	1000ft PSR-ANN-L Annunciator Cable	\$ 1,660
Repeater	PSR-ANN-U	PSR Annunciator (12-pin) compatible only with the PSR-U series	\$ 1,000
Repeater	PSR-ANN-U-CBL-10	10ft PSR-ANN cable compatible with only the PSR-U series	\$ 200
Repeater	PSR-ANN-U-CBL-20	20ft PSR-ANN cable compatible with only the PSR-U series	\$ 240
Repeater	PSR-ANN-U-CBL-33	33ft PSR-ANN cable compatible with only the PSR-U series	\$ 280
Repeater	PSR-ANN-X	PSR Annunciator (12-pin) compatible only with the PSR-X series	\$ 1,100
Repeater	PSR-ANN-X-CBL-10	10ft PSR-ANN Annunciator Cable for the PSR-X Series	\$ 180
Repeater	PSR-ANN-X-CBL-20	20ft PSR-ANN Annunciator Cable for the PSR-X Series	\$ 220
Repeater	PSR-ANN-X-CBL-33	33ft PSR-ANN Annunciator Cable for the PSR-X Series	\$ 260
Repeater	PSR-ANN-X-CBL-66	66ft PSR-ANN Annunciator Cable for the PSR-X Series	\$ 360
Repeater	PSR-CBL-AC-10	10ft AC Power Cable for PSR-78/PSR-VU	\$ 220
Repeater	PSR78-AAI-CBL	19.5 ft Dry Contact Alarm Cable for only the PSR78-9030	\$ 360
Passive Component	ADRF-MPLX-U-1	*CUSTOM PART ~4-6 WK LEAD TIME ARO* DL:382~512MHz / UL: 382~512MHz / IP50 / 4.5~10MHz	\$ 3,000
Passive Component	ADRF-MPLX-U-2	*CUSTOM PART ~4-6 WK LEAD TIME ARO* DL:382~512MHz / UL: 382~512MHz / IP50 / 2.75~4.5MHz	\$ 3,000
Passive Component	ADRF-MPLX-U-3	*CUSTOM PART ~4-6 WK LEAD TIME ARO* DL:382~512MHz / UL: 382~512MHz / IP50 / 1.2~2.75MHz	\$ 3,800
Passive Component	ADRF-MPLX-U-4	*CUSTOM PART ~4-6 WK LEAD TIME ARO* DL:382~512MHz / UL: 382~512MHz / IP66 / 4.5~10MHz	\$ 4,400
Passive Component	ADRF-MPLX-U-5	*CUSTOM PART ~4-6 WK LEAD TIME ARO* DL:382~512MHz / UL: 382~512MHz / IP66 / 2.75~4.5MHz	\$ 4,800
Passive Component	ADRF-MPLX-U-6	*CUSTOM PART ~4-6 WK LEAD TIME ARO* DL:382~512MHz / UL: 382~512MHz / IP66 / 1.2~2.75MHz	\$ 5,600
Battery	ADRF-BBL-U-12	UL 2524 LISTED LARGE BATTERY BACKUP ENCLOSURE – SUPPORTS 12V	\$ 3,360
Battery	ADRF-BBL-U-24	UL 2524 LISTED LARGE BATTERY BACKUP ENCLOSURE – SUPPORTS 24V	\$ 3,360
Battery	ADRF-BBL-X-12	LARGE BATTERY BACKUP UNIT - 12V (MET CLASSIFIED FOR UL 2524 FIRE AND SHOCK)	\$ 3,360
Battery	ADRF-BBL-X-24	LARGE BATTERY BACKUP UNIT - 24V (MET CLASSIFIED FOR UL 2524 FIRE AND SHOCK)	\$ 3,360
Passive Component	ADRF-BBL-X-WMK	ADRF-BBL-X Wall Mount Kit	\$ 1,760
Battery	ADRF-BBS-U-12	UL 2524 LISTED SMALL BATTERY BACKUP ENCLOSURE – SUPPORTS 12V	\$ 2,660
Battery	ADRF-BBS-U-24	UL 2524 LISTED SMALL BATTERY BACKUP ENCLOSURE – SUPPORTS 24V	\$ 2,660
Battery	ADRF-BBS-X-12	SMALL BATTERY BACKUP UNIT - 12V	\$ 2,660
Battery	ADRF-BBS-X-24	SMALL BATTERY BACKUP UNIT - 24V	\$ 2,660
Passive Component	ADRF-BBS-X-WMK	ADRF-BBS-X Wall Mount Kit	\$ 1,540
Passive Component	ADRF-BBU-CBL-11	ADRF-BBU Cable from 1 BBU to 1 ADRF Active Modules	\$ 160
Passive Component	ADRF-BBU-CBL-14	ADRF-BBU Cable from 1 BBU to 4 ADRF Active Modules	\$ 300
Passive Component	ADRF-BBU-CBL-21	ADRF-BBU Cable from 2 BBU to 1 ADRF Active Modules	\$ 200
Passive Component	ADRF-BBU-CNV-34	3-pin (ADX-R-CHA-N4X) to 4-pin (ADRF-BBX) cable	\$ 460
Passive Component	ADRF-BBU-CNV-42	4-pin (Male) to 2-pin (Female) Battery Backup Cable	\$ 160
Passive Component	ADRF-BBX-CBL-11	ADRF-BBX Cable from 1 BBX to 1 ADRF Active Modules	\$ 160
Passive Component	ADRF-BBX-CBL-12	ADRF-BBX Cable from 1 BBX to 2 ADRF Active Modules	\$ 520
Passive Component	ADRF-BBX-CBL-12-51	ADRF-BBX cables to split 1 BBL/BBS (4-pin) to 1 ADRF device (4-pin) + 1 ADVX-R-PSU-AC	\$ 560
Passive Component	ADRF-BBX-CBL-13-51	ADRF-BBX cables to split 1 BBL/BBS (4-pin) to 3 ADRF devices (4-pin)	\$ 760
Passive Component	ADRF-BBX-CBL-21P	ADRF-BBX Cable from 2 BBU to 1 ADRF Active Module (Parallel)	\$ 520
Passive Component	ADRF-BBX-CBL-21S	ADRF-BBX Cable from 2 BBU to 1 ADRF Active Module (Serial)	\$ 520
Passive Component	ADRF-BBX-U-CBL-21P	ADRF-BBX Cable for the PSR-U Series from 2 BBU to 1 ADRF Active Module (Parallel)	\$ 500
Passive Component	ADRF-BBX-U-CBL-21S	ADRF-BBX Cable for the PSR-U Series from 2 BBU to 1 ADRF Active Module (Series)	\$ 500
Battery	TR45-12	12V, 120Ah AGM Sealed Lead Acid Rechargeable Battery for ADRF-BBL Series enclosures	\$ 700
Battery	TR45-12	12V, 45Ah AGM Sealed Lead Acid Rechargeable Battery for ADRF-BBS Series enclosures	\$ 340
Antenna	AD-DBYG-860-2000-12	PCS/Cellular Dual Band Yagi ( 5 dBi Gain - 800MHz / 11.5 dBi Gain - 1900MHz, 80 ~ 120 degree beamwidth - 800MHz / 40 ~ 60 d	\$ 200
Antenna	AD-OMNI-SISO-4310	Low PIM SISO Omni Server Antenna (698MHz-2700MHz) (4.3-10 Female)	\$ 100
Antenna	AD-OMNI-SISO-N	Low PIM SISO Omni Server Antenna (698MHz-2690MHz) (N Type)	\$ 80
Antenna	AD-PA-1900-2600-DIN-X	High Isolation PCS/AWS/WCS/BRS Donor Antenna (1710~2690 MHz, 20.5dBi max gain, 14 degree min H/V beam width, 40 dB	\$ 1,000
Antenna	AD-PA-700-900-DIN-X	High Isolation 700 MHz/CELL/SMR Donor Antenna (698~940 MHz, 16 dBi MAX GAIN, 26 degree min H/V beam width, 32 dB fr	\$ 1,000
Passive Component	AD-CB-6-FID	DC POWER CABLE FOR AXM-ICS REPEATERS	\$ 120
Passive Component	ADRF-2PLX-1900-4310	Duplexer (PCS 1900 MHz) (4.3-10 Female) (PIM: -153dBc @ 2*20W)	\$ 600
Passive Component	ADRF-2PLX-2100-4310	Duplexer (AWS 2100 MHz) (4.3-10 Female) (PIM: -153dBc @ 2*20W)	\$ 600
Passive Component	ADRF-2PLX-700F-4310	Duplexer (700 MHz) (4.3-10 Female) (PIM: -153dBc @ 2*20W)	\$ 1,000
Passive Component	ADRF-2PLX-850-4310	Duplexer (Cellular 850 MHz) (4.3-10 Female) (PIM: -153dBc @ 2*20W)	\$ 600

Product Type	Part Name	Description	List Price
Passive Component	ADRF-2WS-20W-4310	2-Way Splitter (578~2700 MHz, 20 W) (4.3-10 Female) (PIM: -161dBc @ 2*20W)	\$ 220
Passive Component	ADRF-2WS-20W-N-LPIM	2 Way Divider (650~2700 MHz, 20 W) (Low PIM)	\$ 180
Passive Component	ADRF-2WS-4310-X	2-Way Splitter (600~4200 MHz, 200 W) (4.3-10 Female) (PIM: -161dBc @ 2*20W)	\$ 280
Passive Component	ADRF-3WS-20W-4310	3-Way Splitter (578~2700 MHz, 20 W) (4.3-10 Female) (PIM: -161dBc @ 2*20W)	\$ 280
Passive Component	ADRF-3WS-20W-N	3-Way Divider (650MHz~2.7GHz, 20 W)	\$ 160
Passive Component	ADRF-3WS-20W-N-LPIM	3-Way Divider (650MHz~2.7GHz, 20 W)	\$ 240
Passive Component	ADRF-3WS-20W-4310-X	3-Way Splitter (600~4200 MHz, 200 W) (4.3-10 Female) (PIM: -161dBc @ 2*20W)	\$ 340
Passive Component	ADRF-4PLX-850/1900	4-plexer (Cellular/PCS)	\$ 440
Passive Component	ADRF-4PLX-S800/S900	4-plexer (SMR800/SMR900)	\$ 360
Passive Component	ADRF-4WS-20W-4310	4-Way Splitter (578~2700 MHz, 20 W) (4.3-10 Female) (PIM: -161dBc @ 2*20W)	\$ 400
Passive Component	ADRF-4WS-20W-N-LPIM	4 Way Divider (650~2700 MHz, 20 W)	\$ 300
Passive Component	ADRF-4WS-4310-X	4-Way Splitter (600~4200 MHz, 200 W) (4.3-10 Female) (PIM: -161dBc @ 2*20W)	\$ 400
Passive Component	ADRF-6PLX	6-plexer (SMR800/SMR900/PCS)	\$ 560
Passive Component	ADRF-BSF-14	ADRF Band-Stop Filter for Band14	\$ 6,000
Passive Component	ADRF-CBC-700-2600-4310	CROSSBAND COUPLER (LOW: 698~940 MHz; HIGH: 1710~2690 MHz) (4.3-10 Female) (PIM: -153dBc @ 2*20W)	\$ 460
Passive Component	ADRF-CBC-700-2600-LPIM	CROSSBAND COUPLER (LOW: 698~940 MHz; HIGH: 1850~2600 MHz). LOW INSERTION LOSS (0.4 dB), LOW PIM (153 dBc @ 2	\$ 260
Passive Component	ADRF-CBC-80-2700-S	Low PIM Cross-Band Coupler (LOW 698~2170MHz, HIGH 2400~2690MHz)	\$ 480
Passive Component	ADRF-CHC-800/1900	ADRF Channel Combiner (800/1900 MHz)	\$ 140
Passive Component	ADRF-DCPL-10-4310	10dB Directional Coupler (617~2700 MHz, 100 W) (4.3-10 Female) (PIM: -155dBc @ 2*20W)	\$ 280
Passive Component	ADRF-DCPL-10-4310-X	10dB Directional Coupler (600~4200 MHz, 200 W) (4.3-10 Female) (PIM: -161dBc @ 2*20W)	\$ 380
Passive Component	ADRF-DCPL-10-N-LPIM	Directional Coupler (10 dB, 650~2700 MHz, 20 W)	\$ 240
Passive Component	ADRF-DCPL-6-4310	6dB Directional Coupler (617~2700 MHz, 50 W) (4.3-10 Female) (PIM: -155dBc @ 2*20W)	\$ 200
Passive Component	ADRF-DCPL-6-4310-X	6dB Directional Coupler (600~4200 MHz, 200 W) (4.3-10 Female) (PIM: -161dBc @ 2*20W)	\$ 300
Passive Component	ADRF-DCPL-6-N-LPIM	Directional Coupler (6 dB, 650~2700 MHz, 20 W)	\$ 160
Passive Component	ADRF-HCPL-3-4310	3dB 2x2 Hybrid Coupler (617~2700 MHz, 100 W) (4.3-10 Female) (PIM: -155dBc @ 2*20W)	\$ 400
Passive Component	ADRF-HCPL-3-4310-X	3dB 2x2 Hybrid Coupler (600~4200 MHz, 200 W) (4.3-10 Female) (PIM: -161dBc @ 2*20W)	\$ 540
Passive Component	ADRF-HCPL-3-N-LPIM	Hybrid Coupler (3 dB, 698~2700 MHz, 100 W)	\$ 340
Passive Component	ADRF-MOD-CPL-KIT	MODEM COUPLING KIT FOR DIGI TRANSPORT WR21 EXTERNAL MODEM. INCLUDES 10 DB COUPLER, N(M) TO N(M) JUMPER	\$ 340
Passive Component	ADRF-PA-5A/ 6V	Field replaceable power adapter for Delos201 and Epoch-M:Input 100-240V, 50-60Hz, 1A; Output: 6V, 5A	\$ 300
Passive Component	ADRF-TRM-4310-1W	1W RATED 4.3-10 TYPE TERMINATOR FOR ADXV-R-CHC-U	\$ 90
Passive Component	CBL-AC-6-Y2S-FMA	AC POWER CABLE FOR ADX HPR, AXM ICS, ETC. (6 FT)	\$ 120
Passive Component	J-RG142-10-NMS-NMS	10ft RG142 N-type Male to N-type Male RF Jumper Cable	\$ 40
Passive Component	J-SF074-1H-BMR-BMR	1.5 FT SMB MALE (RIGHT ANGLE) TO SMB MALE (RIGHT ANGLE) LOW PIM JUMPER CABLE	\$ 28
Passive Component	J-SF074-26-BMR-BMR	26 FT SMB MALE (RIGHT ANGLE) TO SMB MALE (RIGHT ANGLE) LOW PIM JUMPER CABLE	\$ 108
Passive Component	J-SF074-2-BMR-BMR	2 FT SMB MALE (RIGHT ANGLE) TO SMB MALE (RIGHT ANGLE) LOW PIM JUMPER CABLE	\$ 30
Passive Component	J-SF074-2-SMR-SMR	2 FT SMA MALE (RIGHT ANGLE) TO SMA MALE (RIGHT ANGLE) LOW PIM JUMPER CABLE	\$ 30
Passive Component	J-SF074-3-BMR-BMR	3 FT SMB MALE (RIGHT ANGLE) TO SMB MALE (RIGHT ANGLE) LOW PIM JUMPER CABLE	\$ 34
Passive Component	J-SF074-5-BMR-BMR	5 FT SMB MALE (RIGHT ANGLE) TO SMB MALE (RIGHT ANGLE) LOW PIM JUMPER CABLE	\$ 42
Passive Component	J-SF074-10-BMR-BMR	10 FT SMB MALE (RIGHT ANGLE) TO SMB MALE (RIGHT ANGLE) LOW PIM JUMPER CABLE	\$ 60
Passive Component	J-SF141-10-DMS-NFS	10ft DIN Male (straight) to N Female (straight) Low PIM Jumper Cable	\$ 80
Passive Component	J-SF141-1H-4MR-4MR	1.5 FT 4.3-10 MALE (RIGHT ANGLE) TO 4.3-10 MALE (RIGHT ANGLE) LOW PIM JUMPER CABLE	\$ 60
Passive Component	J-SF141-1H-4MR-NMR	1.5 FT 4.3-10 MALE (RIGHT ANGLE) TO N MALE (RIGHT ANGLE) LOW PIM JUMPER CABLE	\$ 40
Passive Component	J-SF141-1H-4MS-NFS	1.5 FT, 4.3-10 (M) STRAIGHT TO N (F) STRAIGHT	\$ 60
Passive Component	J-SF141-1H-NMR-NMR	1.5 FT N MALE (RIGHT ANGLE) TO N MALE (RIGHT ANGLE) LOW PIM JUMPER CABLE	\$ 40
Passive Component	J-SF141-2-4MS-4FS	2 FT 4.3-10 MALE (STRAIGHT) TO 4.3-10 FEMALE (STRAIGHT) LOW PIM JUMPER CABLE	\$ 66
Passive Component	J-SF141-3-4MR-4MR	3 FT 4.3-10 MALE (RIGHT) TO 4.3-10 MALE (RIGHT) LOW PIM JUMPER CABLE	\$ 72
Passive Component	J-SF141-3-4MS-4MS	3 FT 4.3-10 MALE (STRAIGHT) TO 4.3-10 MALE (STRAIGHT) LOW PIM JUMPER CABLE	\$ 68
Passive Component	J-SF141-3-4MS-SMS	3 FT 4.3-10 MALE (STRAIGHT) TO SMS MALE (STRAIGHT) LOW PIM JUMPER CABLE	\$ 74
Passive Component	J-SF141-3-MMR-NMR	3ft Mini DIN Male (right angle) to N Male (right angle) Low PIM Jumper Cable	\$ 60
Passive Component	J-SF141-3-NFS-NFS	3 FT N FEMALE (STRAIGHT) TO N FEMALE (STRAIGHT) LOW PIM JUMPER CABLE	\$ 60
Passive Component	J-SF141-3-NMS-NFS	3 FT N MALE (STRAIGHT) TO N FEMALE (STRAIGHT) LOW PIM JUMPER CABLE	\$ 60
Passive Component	J-SF141-3-NMS-NMS	3 FT N MALE (STRAIGHT) TO N MALE (STRAIGHT) LOW PIM JUMPER CABLE	\$ 60
Passive Component	J-SF141-3-NMS-SMS	3 FT N MALE (STRAIGHT) TO SMA MALE (STRAIGHT) LOW PIM JUMPER CABLE	\$ 40
Passive Component	J-SF141-3-SMS-SMS	3 FT N MALE (STRAIGHT) TO SMA MALE (STRAIGHT) LOW PIM JUMPER CABLE	\$ 40
Passive Component	J-SF141-6-4MS-4MS	6 FT 4.3-10 MALE (STRAIGHT) TO 4.3-10 MALE (STRAIGHT) LOW PIM JUMPER CABLE	\$ 84
Passive Component	J-SF141-6-4MS-NMS	6 FT 4.3-10 MALE (STRAIGHT) TO N MALE (STRAIGHT) LOW PIM JUMPER CABLE	\$ 74
Passive Component	J-SF141-6-DMS-4MS	6 FT DIN MALE (STRAIGHT) TO 4.3-10 MALE (STRAIGHT) LOW PIM JUMPER CABLE	\$ 80
Passive Component	J-SF141-6-DMS-DMS	6ft DIN Male (straight) to DIN Male (straight) Low PIM Jumper Cable	\$ 80
Passive Component	J-SF141-6-DMS-NMS	6ft DIN Male (straight) to N Male (straight) Low PIM Jumper Cable	\$ 80
Passive Component	J-SF141-6-MMR-NFS	6ft Mini DIN Male (right angle) to N Female (straight) Low PIM Jumper Cable	\$ 80
Passive Component	J-SF141-6-MMR-NMR	6ft Mini DIN Male (right angle) to N Male (right angle) Low PIM Jumper Cable	\$ 80
Passive Component	J-SF141-6-NMS-NMS	6 FT N MALE (STRAIGHT) TO N MALE (STRAIGHT) LOW PIM JUMPER CABLE	\$ 60
Passive Component	J-SF141-6-NMS-SMS	6 FT N MALE (STRAIGHT) TO SMA MALE (STRAIGHT) LOW PIM JUMPER CABLE	\$ 60
Passive Component	J-SF141-6-SMS-SMS	6 FT N MALE (STRAIGHT) TO SMA MALE (STRAIGHT) LOW PIM JUMPER CABLE	\$ 40
Passive Component	J-SF500-6-DMS-DMS	6ft Superflex DIN Male to DIN Male Jumper Cable	\$ 180
Modem	AD-IX20-0AG4-PKG	Digi IX20-0AG4 4G LTE router	\$ 1,590
Modem	WR21-HUB	8 Port 10/100Mbps Fast Ethernet Switch	\$ 100
Test Equipment	ADRF-09500-04	PCTEL 09500-04 P25 + CELLULAR, EG, 08902S-E IBFLEX SUPER CONFIG, OP465 SAMSUNG GALAXY TAB, OP412 WALK TEST KIT	\$ 82,204
Test Equipment	ADRF-09500-05	PCTEL 09500-05 P25, EG, 08902-E IBFLEX BASE, OP465 SAMSUNG GALAXY TAB, OP412 WALK TEST KIT	\$ 43,040
Test Equipment	ADRF-MS27101A-1	ANRITSU MS27101A-IBCM PKG, EG, MS27101A REMOTE SPECTRUM MONITOR, 67135 BACKPACK	\$ 40,900
Test Equipment	ADRF-S412E-1	ANRITSU S412E PKG, EG, S412E LMR MASTER, 760-243-R TRANSIT CASE	\$ 44,180
Antenna Monitoring System	ADRF NEURON-90	CONSULTIX NEURON RF BEACON FOR DAS CONTINUITY CHECK	\$ 80
Antenna Monitoring System	ADRF NEURON-GW-FC	CONSULTIX NEURON GATEWAY DRY CONTACT INTERFACE ADD ON	\$ 240
Antenna Monitoring System	ADRF NEURON-GW-P90C	CONSULTIX NEURON GATEWAY, SUPPORTS >100 NEURON BEACONS, AC POWERED	\$ 3,780
Antenna Monitoring System	ADRF NEURON-GW-P90DC	CONSULTIX NEURON GATEWAY, SUPPORTS >100 NEURON BEACONS, DC POWERED	\$ 4,000
Antenna Monitoring System	ADRF NEURON-GW-SNMP	CONSULTIX NEURON GATEWAY SNMP INTERFACE ADD ON	\$ 1,660
Antenna Monitoring System	ADRF SPECTRAQUAL-P100	CONSULTIX NEURON SPECTRAQUAL CLOUD SERVER, <100 BEACONS	\$ 6,840
Antenna Monitoring System	NEURON-GW2-P90C	CONSULTIX NEURON GATEWAY: DUAL-INPUT RECEIVER UNIT FOR NEURON KEEPALIVE CHECKS; RX SENSE (914.5 MHZ), SEALE	\$ 4,480
Antenna Monitoring System	NEURON-GW2-P90DC	CONSULTIX NEURON GATEWAY: DUAL-INPUT RECEIVER UNIT FOR NEURON KEEPALIVE CHECKS; RX SENSE (914.5 MHZ), 24/48	\$ 4,720
Antenna Monitoring System	NEURON-090-OUTDOOR	CONSULTIX RF BEACON FOR DAS CONTINUITY CHECK; INJECTION SIGNAL 914.5 MHZ, IP65 ENCLOSURE, BUILT-IN BATTERY, AD	\$ 180

**IRAN FREE PROCUREMENT CERTIFICATION FORM**


**(Pennsylvania's Procurement Code Sections 3501-3506, 62 Pa.C.S. §§ 3501-3506)**

To be eligible for an award of a contract with a Commonwealth entity for goods or services worth at least \$1,000,000 or more, a vendor must either: a) certify it is **not** on the current list of persons engaged in investment activities in Iran created by the Pennsylvania Department of General Services ("DGS") pursuant to Section 3503 of the Procurement Code **and** is eligible to contract with the Commonwealth under Sections 3501-3506 of the Procurement Code; or b) demonstrate it has received an exception from the certification requirement for that solicitation or contract pursuant to Section 3503(e).

To comply with this requirement, please insert your vendor or financial institution name and complete **one** of the options below. Please note: Pennsylvania law establishes penalties for providing false certifications, including civil penalties equal to the greater of \$250,000 or twice the amount of the contract for which the false certification was made; contract termination; and three-year ineligibility to bid on contracts. (Section 3503 of the Procurement Code.)

**OPTION #1 - CERTIFICATION**

I, the official named below, certify I am duly authorized to execute this certification on behalf of the vendor/financial institution identified below, and the vendor/financial institution identified below is **not** on the current list of persons engaged in investment activities in Iran created by DGS **and** is eligible to contract with the Commonwealth of Pennsylvania Sections 3501-3506 of the Procurement Code.

<i>Vendor Name/Financial Institution (Printed)</i> K&C Communications	
<i>By (Authorized Signature)</i> 	
<i>Printed Name and Title of Person Signing</i> Karen M. Corcoran	<i>Date Executed</i> July 18, 2022

**OPTION #2 – EXEMPTION**

Pursuant to Procurement Code Section 3503(e), DGS may permit a vendor/financial institution engaged in investment activities in Iran, on a case-by-case basis, to enter into a contract for goods and services.

If you have obtained a written exemption from the certification requirement, please fill out the information below, and attach the written documentation demonstrating the exemption approval.

<i>Vendor Name/Financial Institution (Printed)</i>	
<i>By (Authorized Signature)</i>	
<i>Printed Name and Title of Person Signing</i>	<i>Date Executed</i>