



**GENERAL SERVICES ADMINISTRATION  
FEDERAL SUPPLY SERVICE  
AUTHORIZED FEDERAL SUPPLY SCHEDULE PRICE LIST**

**SCHEDULE 70 – GENERAL PURPOSE COMMERCIAL INFORMATION  
TECHNOLOGY EQUIPMENT, SOFTWARE, AND SERVICES**

Note: Contractor has been awarded under the Cooperative Purchasing & Disaster Recovery programs.

**Canoga Perkins Corporation**

20600 Prairie Street  
Chatsworth, CA 91311-6008  
818-718-6300  
[www.canoga.com](http://www.canoga.com)

**CONTRACT NUMBER: GS-35F-0232J**

**PERIOD COVERED BY CONTRACT:**

**February 11, 1999 through February 10, 2019**

**BUSINESS SIZE:**

**Large Business**

Pricelist current through modification #95  
Effective date current through April 11, 2016

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!®, a menu-driven database system. The INTERNET address GSA Advantage!® is: [GSAAdvantage.gov](http://GSAAdvantage.gov). For more information on ordering from Federal Supply Schedules click on the FSS Schedules button at [fss.gsa.gov](http://fss.gsa.gov).

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**INFORMATION FOR ORDERING ACTIVITIES**

1a. AUTHORIZED SPECIAL ITEM NUMBERS (SINs):

<u>SIN</u>	<u>DESCRIPTION</u>
132-8	Purchase of New Equipment

1b. Lowest Priced Model Number and Price for each SIN: **See Price List**

1c. SERVICES OFFERED: **See Price List**

2. MAXIMUM ORDER PER SIN:

<u>SIN</u>	<u>MAXIMUM ORDER</u>
132-8	\$500,000 per SIN/Order

3. MINIMUM ORDER LIMITATION: **\$100**

4. GEOGRAPHIC COVERAGE (DELIVERY AREA): **The geographic scope of this contract is the 48 contiguous states, Alaska, Hawaii, Puerto Rico, Washington, DC, and U.S. Territories**

5. POINT OF PRODUCTION: **United States**

6. BASIC DISCOUNT: **Prices listed are net, discounts have been deducted and the industrial funding fee has been added**

7. QUANTITY DISCOUNT: **None**

8. PROMPT PAYMENT TERMS: **Net 30**

9a. GOVERNMENT PURCHASE CARDS ARE ACCEPTED UP TO THE MICRO-PURCHASE THRESHOLD.

9b. GOVERNMENT PURCHASE CARDS ARE ACCEPTED ABOVE THE MICRO-PURCHASE THRESHOLD.

10. FOREIGN ITEMS: **None**

11a. TIME OF DELIVERY: **30 Days ARO**

11b. EXPEDITED DELIVERY: **Contact Contractor**

11c. OVERNIGHT AND 2-DAY DELIVERY: **Contact Contractor**

11d. URGENT REQUIREMENTS: **Contact Contractor**

12. F.O.B. POINT: **Destination**

13a. ORDERING ADDRESS: **Canoga Perkins Corporation  
20600 Prairie Street  
Chatsworth, CA 91311-6008  
Attn: GSA Order Entry Department**

**or**

**Canoga Perkins Corporation  
c/o Authorized Government Reseller  
See Listing**

13b. ORDERING PROCEDURES: **For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in Federal Acquisition Regulation (FAR) 8.405-3.**

14. PAYMENT ADDRESS: **Canoga Perkins Corporation  
20600 Prairie Street  
Chatsworth, CA 91311-6008  
Attn: GSA Accounts Receivable**

**or**

**Canoga Perkins Corporation  
c/o Authorized Government Reseller  
See Listing**

15. WARRANTY PROVISION: **Standard Commercial Warranty**

16. EXPORT PACKING CHARGES: **Not Applicable**

17. TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE:  
**Will be accepted above the micro-purchase threshold**

18. TERMS AND CONDITIONS OF RENTAL: **Not Applicable**

19. TERMS AND CONDITIONS OF INSTALLATION: **Not Applicable**

20. TERMS AND CONDITIONS OF REPAIR PARTS: **Not Applicable**

20a. TERMS AND CONDITIONS FOR ANY OTHER SERVICES: **Not Applicable**

21. LIST OF SERVICE AND DISTRIBUTION POINTS: **Not Applicable**

22. LIST OF PARTICIPATING DEALERS: **Not Applicable**

23. PREVENTIVE MAINTENANCE: **Not Applicable**

24a. SPECIAL ATTRIBUTES: **Not Applicable**

24b. SECTION 508 COMPLIANCE INFORMATION: **Not Applicable**

25. DATA UNIVERSAL NUMBER SYSTEM (DUNS) NUMBER: **009649112**

26. CONTRACTOR HAS REGISTERED IN THE SYSTEM FOR AWARD MANAGEMENT (SAM) DATABASE.

CAGE CODE: 62441

**TERMS AND CONDITIONS APPLICABLE TO PURCHASE OF GENERAL PURPOSE COMMERCIAL  
INFORMATION TECHNOLOGY NEW EQUIPMENT (SPECIAL ITEM NUMBER 132-8)**

**1. MATERIAL AND WORKMANSHIP**

All equipment furnished hereunder must satisfactorily perform the function for which it is intended.

**2. ORDER**

Written orders, EDI orders (GSA Advantage! and FACNET), credit card orders, and orders placed under blanket purchase agreements (BPA) agreements shall be the basis for purchase in accordance with the provisions of this contract. If time of delivery extends beyond the expiration date of the contract, the Contractor will be obligated to meet the delivery and installation date specified in the original order. For credit card orders and BPAs, telephone orders are permissible.

**3. TRANSPORTATION OF EQUIPMENT**

**FOB DESTINATION.** Prices cover equipment delivery to destination, for any location within the geographic scope of this contract.

**4. INSTALLATION AND TECHNICAL SERVICES**

a. **INSTALLATION.** The equipment provided under this contract is considered to be normally self-installable by technical personnel. Technical services/assistance or installation is not included in the purchase price of equipment and is not available under the scope of this contract. Technical services, if required by the Government, are available from the Contractor outside the scope of this contract.

b. **INSTALLATION, DEINSTALLATION, REINSTALLATION.** The Davis-Bacon Act (40 U.S.C. 276a-276a-7) provides that contracts in excess of \$2,000 to which the United States or the District of Columbia is a party for construction, alteration, or repair (including painting and decorating) of public buildings or public works with the United States, shall contain a clause that no laborer or mechanic employed directly upon the site of the work shall receive less than the prevailing wage rates as determined by the Secretary of Labor. The requirements of the Davis-Bacon Act do not apply if the construction work is incidental to the furnishing of supplies, equipment, or services. For example, the requirements do not apply to simple installation or alteration of a public building or public work that is incidental to furnishing supplies or equipment under a supply contract. However, if the construction, alteration or repair is segregable and exceeds \$2,000, then the requirements of the Davis-Bacon Act applies.

The ordering activity issuing the task order against this contract will be responsible for proper administration and enforcement of the Federal labor standards covered by the Davis-Bacon Act. The proper Davis-Bacon wage determination will be issued by the ordering activity at the time a request for quotations is made for applicable construction classified installation, deinstallation, and reinstallation services under SIN 132-8 or SIN 132-9.

c. **OPERATING AND MAINTENANCE MANUALS.** The Contractor shall furnish the ordering activity with one (1) copy of all operating and maintenance manuals which are normally provided with the equipment being purchased.

**5. INSPECTION/ACCEPTANCE**

The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The ordering activity reserves the right to inspect or test any equipment that has been tendered for acceptance. The ordering activity may require repair or replacement of nonconforming equipment at no increase in contract price. The ordering activity must exercise its postacceptance rights (1) within a reasonable time after the defect was discovered or should have been discovered; and (2) before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

**6. WARRANTY**

a. Unless specified otherwise in this contract, the Contractor's standard commercial warranty as stated in the contract's commercial pricelist will apply to this contract. **FOR ALL PRODUCTS:** The Contractor warrants that, at the time of sale, and, for its lifetime, with certain exceptions noted below, every Canoga Perkins' labeled product purchased will be free from defects in material and workmanship for its lifetime, if properly installed and used in conformity to Canoga Perkins' published specifications. This warranty covers the original user only and is not transferable. For the purposes of this Warranty, "lifetime" is defined as the serviceable life of the product (a minimum of 5 years) or any

longer period during which replacement spare parts are available. Subject to the conditions and limitations set forth below, Canoga Perkins will, at its option, either repair or replace any part of its product(s) that prove defective by reason of improper workmanship or materials. The warranty period for power supplies, fans and optics is five (5) years. Consumables such as filters are covered for one year. Software is warranted for 90 days.

b. This warranty does not cover any damage to products that have been subjected to lightning or other Acts of Nature, misuse, neglect, accident, damage, improper installation, or maintenance, including over-voltage failures caused by use outside of the product's specified rating, normal wear and tear of mechanical components, or alteration or repair by anyone other than Canoga Perkins or its authorized representative. If the user is unsure about the proper means of installing or using the equipment, contact Canoga Perkins' free technical support services. Customer must notify Canoga Perkins promptly in writing of any claim based on warranty. Canoga Perkins is not liable for, and does not cover under warranty, any costs associated with servicing and/or the installation of its products or for any inspection, packing or labor costs in connection with return of goods. In the event Canoga Perkins breaches its obligation of warranty, customer's sole and exclusive remedy is limited to replacement, repair, or credit of the purchase price, at Canoga Perkins' option. Under no circumstance will Canoga Perkins be liable for consequential or incidental damages or loss of profits. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

c. **Limitation of Liability.** Except as otherwise provided by an express or implied warranty, the Contractor will not be liable to the ordering activity for consequential damages resulting from any defect or deficiencies in accepted items.

d. If inspection and repair of defective equipment under this warranty will be performed at the Contractor's plant, the address is as follows: 20600 Prairie Street, Chatsworth, CA 91311-6008

The Government should not return defective equipment to the Contractor for adjustments and repairs or replacement without prior consultation, instruction and issuance of an RMA (Return Material Authorization). To obtain a RMA, please call 818-718-6300.

e. When equipment is returned to the Contractor's establishment for warranty repair by the Government, the Government shall be responsible for all transportation costs and any loss or damage to equipment being returned until the equipment is received by the Contractor at its authorized service facility. Contractor shall be responsible for return transportation costs and any loss or damage while the equipment is at the Contractor's authorized service facility and until the equipment is returned to the Government's installation only.

#### **7. PURCHASE PRICE FOR ORDERED EQUIPMENT**

The purchase price that the ordering activity will be charged will be the ordering activity purchase price in effect at the time of order placement, or the ordering activity purchase price in effect on the installation date (or delivery date when installation is not applicable), whichever is less.

#### **8. RESPONSIBILITIES OF THE CONTRACTOR**

The Contractor shall comply with all laws, ordinances, and regulations (Federal, State, City or otherwise) covering work of this character, and shall include all costs, if any, of such compliance in the prices quoted in this offer.

#### **9. TRADE-IN OF INFORMATION TECHNOLOGY EQUIPMENT**

When an ordering activity determines that Information Technology equipment will be replaced, the ordering activity shall follow the contracting policies and procedures in the Federal Acquisition Regulation (FAR), the policies and procedures regarding disposition of information technology excess personal property in the Federal Property Management Regulations (FPMR) (41 CFR 101-43.6), and the policies and procedures on exchange/sale contained in the FPMR (41 CFR part 101-46).

**AUTHORIZED GOVERNMENT RESELLERS**

**Pacific Star Communications Co.  
15714 SW Avenue  
Portland, OR 97222  
Tel: 503-403-3000  
Fax: 503-403-3001**

# CANOVA PERKINS

## EdgeAccess<sup>®</sup> UCS1000 Universal Chassis System, 5U

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>5U Chassis</b>				
1000-2001*	5U chassis, for Non-isolated DC or DC & AC Power Supplies	F	\$995.00	\$721.81
1000-2002*	5U chassis, for AC or Redundant AC Power Supplies	F	\$995.00	\$721.81
* Power Supplies, Fan Tray/Baffle & Blank Panels sold separately				
<b>Power Supplies</b>				
1100-2102	UCS 5U AC Power Supply (85-265VAC)	F	\$645.00	\$467.91
1110-2401	UCS 5U DC Power Supply (-48VDC)	F	\$275.00	\$199.50
<b>Modules</b>				
1200-2000	Chassis Interconnect Module (CIM) *	F	\$295.00	\$214.01
1500-2000	Domain Management Module (DMM)	F	\$850.00	\$616.62
1501-2000	Bundled DMM & CIM	F	\$995.00	\$721.81
*CIM is required for alarm aggregation and to provide power to the fan				
<b>Chassis Blank Panels</b>				
A001-9010	DMM slot Blank Panel	A	\$10.00	\$9.57
A001-9011	CIM slot Blank Panel	A	\$15.00	\$14.36
A001-9012	DC Power Supply Blank Panel	A	\$20.00	\$19.14
A001-9013	1 slot Blank Panel	A	\$10.00	\$9.57
A001-9014	4 slot Blank Panel	A	\$15.00	\$14.36
A001-9015	LIM slot Blank Panel	A	\$10.00	\$9.57
A001-9016	Blank Panel Kit containing 15 one-slot Blank Panels for UCS1000	A	\$129.00	\$123.48
<b>Fan Tray/Baffle</b>				
1800-2000	19" Cable management panel with 6 rings	F	\$35.00	\$25.39
1800-2001	Air flow baffle with cable mgmt. panel	F	\$150.00	\$108.82
1800-2002	Baffle with fan assembly and cable mgmt. Panel *	F	\$495.00	\$359.09
1800-2005	Replacement Fan Filter	A	\$15.00	\$14.36
<p>Note: To maintain UCS1000 Chassis temperatures within Normal Operating Temperature Range, we strongly recommend using both the fan tray and baffle if any of the following apply:</p> <ol style="list-style-type: none"> <li>1) The UCS1000 is populated with any Lightwave Modules</li> <li>2) The UCS1000 has 7 or more Modules installed</li> <li>3) If the UCS1000 is used where NEBS level 3 compliance is required.</li> </ol>				
<b>Brackets</b>				
1800-2008	23" Rack Mount Bracket Kit for Fan Tray	A	\$50.00	\$47.86
1800-2009	23" Rack Mount Bracket Ki for UCS1000 Chassis	A	\$50.00	\$47.86
<b>Spare Cables for CIM</b>				
C005-000	2 feet Shielded UTP cable	A	\$5.00	\$4.79
C006-000	10 feet Shielded UTP cable	A	\$10.00	\$9.57

# CANOGA PERKINS

## EdgeAccess<sup>®</sup> UCS1000 Universal Chassis System 5U Configured

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
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<b>Unmanaged UCS1000 System *</b>
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1000-X



<b>Power Supply Options</b>
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1	120/240 VAC Power Supply	F	\$2,559.00	\$1,856.40
4	-48VDC Power Supply	F	\$2,189.00	\$1,587.99
5	Redundant AC & DC Power Supplies	F	\$2,834.00	\$2,055.90
6	Redundant AC Power Supplies	F	\$3,204.00	\$2,324.31
9	Redundant DC Power Supplies	F	\$2,464.00	\$1,787.49

\*System includes: 5U Chassis, DC and/or AC Power Supply, CIM, Fan Tray and Cable Management, Blank Panel Kit

<b>Managed UCS1000 System **</b>
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1000M-X



<b>Power Supply Options</b>
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1	120/240 VAC Power Supply	F	\$3,409.00	\$1,994.96
4	-48VDC Power Supply	F	\$3,039.00	\$1,871.64
5	Redundant AC & DC Power Supplies	F	\$3,684.00	\$2,339.55
6	Redundant AC Power Supplies	F	\$4,054.00	\$2,462.87
9	Redundant DC Power Supplies	F	\$3,314.00	\$2,216.22

\*\*System includes: 5U Chassis, DC and/or AC Power Supply, CIM, DMM, Fan Tray and Cable Management and Blank Panel Kit

<b>Brackets</b>
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1800-2008	23" Rack Mount Kit for Fan Tray	A	\$50.00	\$47.86
1800-2009	23" Rack Mount Ki for UCS1000 Chassis	A	\$50.00	\$47.86

<b>Spare Cables for CIM</b>
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C005-000	2 feet Shielded UTP cable	A	\$5.00	\$4.79
C006-000	10 feet Shielded UTP cable	A	\$10.00	\$9.57

# CANOGA PERKINS

## EdgeAccess<sup>®</sup> UCS1001 Universal Chassis System, 1U

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>1U Chassis (1 Blank panel included)</b>				
1001-0000	UCS1001 Chassis, No Power Supply	F	\$350.00	\$253.90
1001-2100	UCS1001 Chassis with 120-240VAC Power Supply	F	\$750.00	\$544.08
1001-2400	UCS1001 Chassis with -48 VDC Power Supply	F	\$750.00	\$544.08
1001-7100	UCS1001 Chassis with Redundant 120-240VAC Power Supplies	F	\$850.00	\$616.62
1001-7400	UCS1001 Chassis with Redundant -48 VDC Power Supplies	F	\$850.00	\$616.62
1001-7500	UCS1001 Chassis with 120-240VAC and -48 VDC Power Supplies	F	\$850.00	\$616.62
<b>Chassis Blank Panels</b>				
A001-9013	1 slot Blank Panel	A	\$10.00	\$9.57
<b>Brackets</b>				
1801-2008	23" Rack Mount Kit for UCS1001 Chassis	A	\$25.00	\$23.93

# CANOVA PERKINS

## EdgeAccess<sup>®</sup> UCS1002 Universal Chassis System, 2U

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>2U Chassis</b>				
1002-2000*	2U chassis	F	\$795.00	\$576.73
* Power Supplies and Blank Panels sold separately				
<b>Power Supplies</b>				
1102-2100	UCS 2U AC Power Supply (85-265VAC)	F	\$645.00	\$467.91
1112-2401	UCS 2U DC Power Supply (-48VDC)	F	\$475.00	\$344.58
<b>Modules</b>				
1202-2000	Chassis Interconnect Module (CIM)	F	\$295.00	\$214.01
1502-2000	Domain Management Module (DMM)	F	\$850.00	\$616.62
1503-2000	Bundled DMM & CIM	F	\$995.00	\$721.81
<b>Sapre Rear Fan Assembly</b>				
1802-2000	UCS1002 Rear Fan Assembly	A	\$200.00	\$191.44
<b>Chassis Blank Panels</b>				
A002-9012	Power Supply Blank Panel	A	\$15.00	\$14.36
1002-7600	One-slot Blank Panel	A	\$15.00	\$14.36
1002-7601	Spacer Panel for Single Power Supply	A	\$15.00	\$14.36
A002-9016	Blank Panel Kit containing 14 one-slot Blank Panels for UCS1002	A	\$150.00	\$143.58
<b>Brackets</b>				
1801-2009	23" Rack Mount Kit for UCS1002 Chassis	A	\$25.00	\$23.93
<b>Spare Cables for CIM</b>				
C005-000	2 feet shielded twisted pair cable	A	\$5.00	\$4.79
C006-000	10 feet shielded twisted pair cable	A	\$10.00	\$9.57

# CANOGA PERKINS

## EdgeAccess<sup>®</sup> UCS1002 Universal Chassis System, 2U, Configured

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
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<b>Unmanaged UCS 1002 System *</b>
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1002-X



<b>Power Supply Options</b>
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1	120/240 VAC Power Supply	F	\$1,900.00	\$1,378.34
4	-48VDC Power Supply	F	\$1,730.00	\$1,255.01
5	Redundant AC & DC Power Supplies	F	\$2,375.00	\$1,722.92
6	Redundant AC Power Supplies	F	\$2,545.00	\$1,846.25
9	Redundant DC Power Supplies	F	\$2,205.00	\$1,599.60

\*System includes: 2U Chassis, DC and/or AC Power Supply, CIM, and 2 Blank Panels

<b>Managed UCS 1002 System **</b>
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1002M-X



<b>Power Supply Options</b>
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1	120/240 VAC Power Supply	F	\$2,750.00	\$1,994.96
4	-48VDC Power Supply	F	\$2,580.00	\$1,871.64
5	Redundant AC & DC Power Supplies	F	\$3,225.00	\$2,339.55
6	Redundant AC Power Supplies	F	\$3,395.00	\$2,462.87
9	Redundant DC Power Supplies	F	\$3,055.00	\$2,216.22

\*\*System includes: 2U Chassis, DC and/or AC Power Supply, CIM, DMM and 2 Blank Panels.

If additional Blank Panels are needed, please order below

<b>Chassis Blank Panels</b>
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A002-9012	Power Supply Blank Panel	A	\$15.00	\$14.36
1002-7600	One-slot Blank Panel	A	\$15.00	\$14.36
1002-7601	Spacer Panel for Single Power Supply	A	\$15.00	\$14.36
A002-9016	Blank Panel Kit containing 14 one-slot Blank Panels for UCS1002	A	\$150.00	\$143.58

<b>Brackets</b>
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1801-2009	23" Rack Mount Kit for UCS1002 Chassis	A	\$25.00	\$23.93
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<b>Spare Cables for CIM</b>
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C005-000	2 feet shielded UTP cable	A	\$5.00	\$4.79
C006-000	10 feet shielded UTP cable	A	\$10.00	\$9.57

# CANOVA PERKINS

## EdgeAccess<sup>®</sup> Standalone Enclosures for UCS Modules

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>UCS1001 Chassis - 2 5U Slots, Non-Managed</b>				
<i>Houses all UCS Modules (2U modules with 1230 Adapter)</i>				
1001-0000	UCS1001 Chassis, No Power Supply	F	\$350.00	\$253.90
1001-2100	UCS1001 Chassis with 120-240VAC Power Supply	F	\$750.00	\$544.08
1001-2400	UCS1001 Chassis with -48 VDC Power Supply	F	\$750.00	\$544.08
1001-7100	UCS1001 Chassis with Redundant 120-240VAC Power Supplies	F	\$850.00	\$616.62
1001-7400	UCS1001 Chassis with Redundant -48 VDC Power Supplies	F	\$850.00	\$616.62
1001-7500	UCS1001 Chassis with 120-240VAC and -48 VDC Power Supplies	F	\$850.00	\$616.62
1801-2008	23 inch Rack Mount Bracket Kit for UCS1001 Chassis	A	\$25.00	\$23.93
<b>1020 Enclosure - Single 2U Slot, Managed</b>				
<i>Houses L351, L357 LAN Modules and 2346 Modem Modules</i>				
1020-2100	1020 Management Access Enclosure, 120-240VAC Power Supply, holds one L3xx or 2346 Module, supports Last Gasp Alarm	A	\$350.00	\$335.01
A001-9006	Wall Mount Kit for 1020 and 1030E Enclosures	A	\$25.00	\$23.93
<b>1030E Enclosure - Single 2U Slot, Non-Managed</b>				
<i>Houses L322, L351, L357 LAN Modules and 2346 Modem Modules</i>				
1030-2200	1030E Unmanaged Standalone Enclosure, 120-240VAC Power Supply, holds one L3xx or 2346 Module, supports Last Gasp Alarm	A	\$120.00	\$114.86
1030-2400	1030E Unmanaged Standalone Enclosure, -48 VDC Power Supply, holds one L3xx or 2346 Module, supports Last Gasp Alarm	A	\$154.00	\$147.41
A001-9006	Wall Mount Kit for 1020 and 1030E Enclosures	A	\$25.00	\$23.93
<b>1040 Enclosure - Single 5U Slot, Managed</b>				
<i>Houses 2340 and 2370 Modules</i>				
1040-2100	1040 Management Access Enclosure, holds one 5U Module, 120-240VAC Power Supply	A	\$350.00	\$335.01
1802-2012	19" Rack Mount Kit for 1040 and 1050 Enclosures	A	\$25.00	\$23.93
1802-2013	23" Rack Mount Kit for 1040 and 1050 Enclosures	A	\$25.00	\$23.93
<b>1050 Enclosure - Single 5U Slot, Non-Managed</b>				
<i>Houses all UCS Modules (2U modules with 1230 Adapter)</i>				
1050-0000	1050 Unmanaged Enclosure, holds one 5U Module, No power supply, used with passive WDM Modules	A	\$125.00	\$119.65
1050-2100	1050 Unmanaged Enclosure, holds one 5U Module, 120-240VAC Power Supply	A	\$250.00	\$239.29
1802-2012	19" Rack Mount Kit for 1040 and 1050 Enclosures	A	\$25.00	\$23.93
1802-2013	23" Rack Mount Kit for 1040 and 1050 Enclosures	A	\$25.00	\$23.93
<b>Chassis Blank Panels</b>				
A001-9013	Single Slot 5U Blank Panel for UCS1000, UCS1001, 1040 and 1050	A	\$10.00	\$9.57
1002-7600	Single Slot 2U Blank Panel for 1020 and 1030E	A	\$15.00	\$14.36

# CANOGA PERKINS

## EdgeAccess<sup>®</sup> 9145E 10/100/1000 Network Interface Device

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>9145E Network Interface Device - Advanced Model</b>				
9145E-101-0-0	9145E 4 Port Advanced Model, Single AC Power	F	\$1,540.00	\$1,117.18
9145E-101-1-0	9145E 4 Port Advanced Model, Single DC Power	F	\$1,670.00	\$1,211.49
9145E-101-2-0	9145E 4 Port Advanced Model, Redundant AC Power	F	\$1,660.00	\$1,204.23
9145E-101-3-0	9145E 4 Port Advanced Model, Redundant DC Power	F	\$1,920.00	\$1,392.85
9145E-101-4-0	9145E 4 Port Advanced Model, Redundant AC/DC Power	F	\$1,790.00	\$1,298.54
9145E-104-0-0	9145E 2 Port Advanced Model, Single AC Power	F	\$1,390.00	\$1,008.36
9145E-104-1-0	9145E 2 Port Advanced Model, Single DC Power	F	\$1,520.00	\$1,102.67
9145E-104-2-0	9145E 2 Port Advanced Model, Redundant AC Power	F	\$1,510.00	\$1,095.42
9145E-104-3-0	9145E 2 Port Advanced Model, Redundant DC Power	F	\$1,770.00	\$1,284.03
9145E-104-4-0	9145E 2 Port Advanced Model, Redundant AC/DC Power	F	\$1,640.00	\$1,189.72

*See the SFP, SFP+ & XFP Page for SFP Modules*

<b>9145E Hardened Network Interface Device - Advanced Model</b>				
9145E-301-1-0	9145E 4 Port Adv Model Single -48v DC Power	F	\$1,625.00	\$1,178.84
9145E-301-3-0	9145E 4 Port Adv Model Redundant -48v DC Power	F	\$1,875.00	\$1,360.20
9145E-301-A-0	9145E 4 Port Adv Model Single -24v DC Power	F	\$1,625.00	\$1,178.84
9145E-301-B-0	9145E 4 Port Adv Model Redundant -24v DC Power	F	\$1,875.00	\$1,360.20
9145E-304-1-0	9145E 2 Port Adv Model Single -48v DC Power	F	\$1,660.00	\$1,204.23
9145E-304-3-0	9145E 2 Port Adv Model Redundant -48v DC Power	F	\$1,910.00	\$1,385.59
9145E-304-A-0	9145E 2 Port Adv Model Single -24v DC Power	F	\$1,660.00	\$1,204.23
9145E-304-B-0	9145E 2 Port Adv Model Redundant -24v DC Power	F	\$1,910.00	\$1,385.59

*See the SFP, SFP+ & XFP Page for SFP Modules*

<b>Optional Software</b>				
P001-9004	PM and SA Software License	A	\$175.00	\$167.51
P001-9005	Protected Link Performance Measuring (PLPM) Software License	A	\$175.00	\$167.51
P001-9006	SOAM Software License	A	\$175.00	\$167.51

<b>Brackets</b>				
1802-2016	Rack Mount Kit, 19" Single Unit	A	\$35.00	\$33.50
1802-2017	Rack Mount Kit, 23" Single Unit	A	\$35.00	\$33.50
1802-2018	Rack Mount Kit, 19" Dual Unit 1/2 Kit	A	\$45.00	\$43.07
1802-2019	Rack Mount Kit, 19" Dual Unit Full Kit	A	\$70.00	\$67.00
1802-2020	Rack Mount Kit, 23" Dual Unit 1/2 Kit	A	\$45.00	\$43.07
1802-2021	Rack Mount Kit, 23" Dual Unit Full Kit	A	\$70.00	\$67.00

<b>Accessories</b>				
1900-01	SFP/SFP+ Cage Dust Cover, Single	A	\$5.00	\$4.79
1900-04	SFP/SFP+ Cage Dust Cover, Set of 4	A	\$15.00	\$14.36
1900-16	SFP/SFP+ Cage Dust Cover, Set of 16	A	\$32.00	\$30.63

# CANOGA PERKINS

## EdgeAccess<sup>®</sup> 9145E10G 10 Gigabit Ethernet Network Interface Device

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>9145E10G 10 Gigabit Ethernet Network Interface Device</b>				
9145E10G-525-0-0	9145E10G, Serial Mgnt, AC	F	\$8,795.00	\$6,380.25
9145E10G-525-1-0	9145E10G, Serial Mgnt, 48v DC	F	\$8,895.00	\$6,452.80
9145E10G-525-2-0	9145E10G, Serial Mgnt, Redundant AC	F	\$8,995.00	\$6,525.34
9145E10G-525-3-0	9145E10G, Serial Mgnt, Redundant 48v DC	F	\$9,195.00	\$6,670.43
9145E10G-525-4-0	9145E10G, Serial Mgnt, Redundant AC/ 48v DC	F	\$9,095.00	\$6,597.88
9145E10G-525-A-0	9145E10G, Serial Mgnt, 24v DC	F	\$8,895.00	\$6,452.80
9145E10G-525-B-0	9145E10G, Serial Mgnt, Redundant 24v DC	F	\$9,195.00	\$6,670.43

*See the SFP, SFP+ & XFP Page for XFP (User and Network Ports) Modules*

<b>9145E10G 10 Gigabit Ethernet Network Interface Device - MPP &amp; OOB</b>				
9145E10G-527-0-0	9145E10G, MPP, OOB, Serial Mgnt, AC	F	\$8,995.00	\$6,525.34
9145E10G-527-1-0	9145E10G, MPP, OOB, Serial Mgnt, 48v DC	F	\$9,095.00	\$6,597.88
9145E10G-527-2-0	9145E10G, MPP, OOB, Serial Mgnt, Redundant AC	F	\$9,195.00	\$6,670.43
9145E10G-527-3-0	9145E10G, MPP, OOB, Serial Mgnt, Redundant 48v DC	F	\$9,395.00	\$6,815.52
9145E10G-527-4-0	9145E10G, MPP, OOB, Serial Mgnt, Redundant AC/48v DC	F	\$9,295.00	\$6,742.97
9145E10G-527-A-0	9145E10G, MPP, OOB, Serial Mgnt, 24v DC	F	\$9,095.00	\$6,597.88
9145E10G-527-B-0	9145E10G, MPP, OOB, Serial Mgnt, Redundant 24v DC	F	\$9,395.00	\$6,815.52

*See the SFP, SFP+ & XFP Page for SFP (OOB Port) and XFP (User and Network Ports) Modules*

<b>Optional Software</b>				
P001-9204	PM and SA Software License	A	\$350.00	\$335.01
P001-9205	Protected Link Performance Measuring (PLPM) Software License	A	\$175.00	\$167.51
P001-9206	SOAM Software License	A	\$350.00	\$335.01

<b>Brackets</b>				
1802-2016	Rack Mount Kit, 19" Single Unit	A	\$35.00	\$33.50
1802-2017	Rack Mount Kit, 23" Single Unit	A	\$35.00	\$33.50
1802-2018	Rack Mount Kit, 19" Dual Unit 1/2 Kit	A	\$45.00	\$43.07
1802-2019	Rack Mount Kit, 19" Dual Unit Full Kit	A	\$70.00	\$67.00
1802-2020	Rack Mount Kit, 23" Dual Unit 1/2 Kit	A	\$45.00	\$43.07
1802-2021	Rack Mount Kit, 23" Dual Unit Full Kit	A	\$70.00	\$67.00

<b>Accessories</b>				
1900-01	SFP/SFP+ Cage Dust Cover, Single	A	\$5.00	\$4.79
1900-04	SFP/SFP+ Cage Dust Cover, Set of 4	A	\$15.00	\$14.36
1900-16	SFP/SFP+ Cage Dust Cover, Set of 16	A	\$32.00	\$30.63

# CANOGA PERKINS

## EdgeAccess<sup>®</sup> 9145ELB 16 Port 10G Network Interface Device

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>9145ELB Base Units</b>				
9145ELB-B81-M-0	9145ELB Base Unit, 16 UTP Ports	F	\$7,150.00	\$5,186.90
9145ELB-B82-M-0	9145ELB Base Unit, 16 SFP Ports	F	\$7,150.00	\$5,186.90
9145ELB-B83-M-0	9145ELB Base Unit, 8 UTP, 8 SFP Ports	F	\$7,150.00	\$5,186.90

*See the SFP, SFP+ & XFP Page for SFP Modules*

<b>9145ELB Fan Module &amp; Power Supplies</b>				
9420-00	9145ELB Fan Module	F	\$675.00	\$489.67
9420-04	9145ELB AC Power Supply	F	\$675.00	\$489.67
9420-05	9145ELB 48v DC Power Supply	F	\$675.00	\$489.67
9420-06	9145ELB 24v DC Power Supply	F	\$675.00	\$489.67

<b>9145ELB Network Interface Modules</b>				
9420-302	2 Port 10G Ethernet Network Interface Module	F	\$1,500.00	\$1,088.16

*See the SFP, SFP+ & XFP Page for SFP+ Modules*

<b>Brackets</b>				
1803-2000	Rack Mount Bracket Kit, 19" Rack	A	\$35.00	\$33.50
1803-2001	Rack Mount Bracket Kit, 24" Rack	A	\$35.00	\$33.50

<b>Cables, Accessories</b>				
CRJ-DB9F-6R	Console Cable	A	\$20.00	\$19.14
1900-01	SFP/SFP+ Cage Dust Cover, Single	A	\$5.00	\$4.79
1900-04	SFP/SFP+ Cage Dust Cover, Set of 4	A	\$15.00	\$14.36
1900-16	SFP/SFP+ Cage Dust Cover, Set of 16	A	\$32.00	\$30.63

# CANOGA PERKINS

## EdgeAccess<sup>®</sup> 9145EMP 4 Port Network Interface Device

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>9145EMP 4 Port Network Interface Device</b>				
9145EMP-761-0-0	9145EMP, AC	F	\$2,675.00	\$1,940.55
9145EMP-761-1-0	9145EMP, DC	F	\$2,775.00	\$2,013.10
9145EMP-761-2-0	9145EMP, Redundant AC	F	\$2,875.00	\$2,085.64
9145EMP-761-3-0	9145EMP, Redundant DC	F	\$2,975.00	\$2,158.19
9145EMP-761-4-0	9145EMP, Redundant AC/DC	F	\$2,975.00	\$2,158.19

*See the SFP, SFP+ & XFP Page for SFP Modules*

<b>Optional Software</b>				
P001-9306	SOAM Software Licence for 9145EMP	A	\$175.00	\$167.51

<b>Brackets</b>				
1802-2016	Rack Mount Kit, 19" Single Unit	A	\$35.00	\$33.50
1802-2017	Rack Mount Kit, 23" Single Unit	A	\$35.00	\$33.50
1802-2018	Rack Mount Kit, 19" Dual Unit 1/2 Kit	A	\$45.00	\$43.07
1802-2019	Rack Mount Kit, 19" Dual Unit Full Kit	A	\$70.00	\$67.00
1802-2020	Rack Mount Kit, 23" Dual Unit 1/2 Kit	A	\$45.00	\$43.07
1802-2021	Rack Mount Kit, 23" Dual Unit Full Kit	A	\$70.00	\$67.00

<b>Accessories</b>				
1900-01	SFP/SFP+ Cage Dust Cover, Single	A	\$5.00	\$4.79
1900-04	SFP/SFP+ Cage Dust Cover, Set of 4	A	\$15.00	\$14.36
1900-16	SFP/SFP+ Cage Dust Cover, Set of 16	A	\$32.00	\$30.63

# CANOVA PERKINS

## EdgeAccess<sup>®</sup> L351 10/100 Mbps Ethernet Service Unit (ESU)

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>L351 10/100 Mbps UTP to Fiber Ethernet Service Unit</b>				
<b>Standard 2 Fiber (TX &amp; RX) Optics</b>				
L351-1213	100Mbps, 1310nm, MM, SC Connector, 11db	F	\$1,100.00	\$797.98
L351-1313	100Mbps, 1310nm, SM, SC Connector, 10db	F	\$1,500.00	\$1,088.16
L351-1333	100Mbps, 1310nm, SM, SC Connector, 26db	F	\$1,900.00	\$1,378.34
L351-1543	100Mbps, 1550nm, SM, SC Connector, 30db	F	\$3,400.00	\$2,466.50

<b>Single Fiber BiDi Optics</b>				
L351-1354	Single Fiber, 100Mbps 1310nm SM, SC Connector, Up to 20km	F	\$1,250.00	\$906.80
L351-1564	Single Fiber, 100Mbps 1550nm SM, SC Connector, Up to 20km	F	\$1,350.00	\$979.35
L351-1374	Single Fiber, 100Mbps 1310nm SM, SC Connector, Up to 40km	F	\$1,450.00	\$1,051.89
L351-1584	Single Fiber, 100Mbps 1550nm SM, SC Connector, Up to 40km	F	\$1,550.00	\$1,124.43

*Must Use in Pairs (1310nm/1550nm - 1550nm/1310nm)*

<b>CWDM Optics</b>				
L351-1070	100Mbps, 1470nm, SM, SC Connector, 22dB	F	\$3,400.00	\$2,466.50
L351-1071	100Mbps, 1490nm, SM, SC Connector, 22dB	F	\$3,400.00	\$2,466.50
L351-1072	100Mbps, 1510nm, SM, SC Connector, 22dB	F	\$3,400.00	\$2,466.50
L351-1073	100Mbps, 1530nm, SM, SC Connector, 22dB	F	\$3,400.00	\$2,466.50
L351-1074	100Mbps, 1550nm, SM, SC Connector, 22dB	F	\$3,400.00	\$2,466.50
L351-1075	100Mbps, 1570nm, SM, SC Connector, 22dB	F	\$3,400.00	\$2,466.50
L351-1076	100Mbps, 1590nm, SM, SC Connector, 22dB	F	\$3,400.00	\$2,466.50
L351-1077	100Mbps, 1610nm, SM, SC Connector, 22dB	F	\$3,400.00	\$2,466.50

<b>Rackmount Adapter Module (holds 1-2 L3xx modules)</b>				
1230-2000	Bus Access Module (BAM) card for mounting one or two L3xx or 2346 modules in the UCS1000, 1001 chassis or 1050 enclosure	F	\$680.00	\$493.30

<b>Enclosures</b>				
1020-2100	1020 Management Access Enclosure, AC Power, holds one L3xx or 2346 Module, supports Last Gasp Alarm	A	\$350.00	\$335.01
1030-2200	1030E Unmanaged Standalone Enclosure, AC Power, holds one L3xx or 2346 Module, supports Last Gasp Alarm	A	\$120.00	\$114.86
1030-2400	1030E Unmanaged Standalone Enclosure, -48VDC Power, holds one L3xx or 2346 Module, supports Last Gasp Alarm	A	\$154.00	\$147.41
A001-9006	Wall Mount Kit for 1020 and 1030E Enclosures	A	\$25.00	\$23.93

# CANOGA PERKINS

## EdgeAccess<sup>®</sup> L357 10/100/1000 Mbps Ethernet Service Unit (ESU)

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>L357 10/100/1000 Mbps UTP to 1000Base-X Ethernet Service Unit with Fixed Optics</b>				
<b>Standard 2 Fiber (TX &amp; RX) Optics</b>				
L357-1110	1000Base-SX, 850nm, MM, SC Connector, 6dB	F	\$1,100.00	\$797.98
L357-1113	1000Base-LX, 1310nm, SM, SC Connector, 7dB	F	\$1,600.00	\$1,160.71
L357-1323	1000Base-LD, 1310nm, SM, SC Connector, 14dB	F	\$1,900.00	\$1,378.34
L357-1333	1000Base-XD, 1310nm, SM, SC Connector, 21dB	F	\$3,400.00	\$2,466.50
L357-1533	1000Base-EX, 1550nm, SM, SC Connector, 21dB	F	\$3,800.00	\$2,756.68

<b>Single Fiber BiDi Optics</b>				
L357-1354	Single Fiber, 1000Mbps 1310nm SM, SC Connector, Up to 20km	F	\$2,900.00	\$2,103.78
L357-1564	Single Fiber, 1000Mbps 1550nm SM, SC Connector, Up to 20km	F	\$2,900.00	\$2,103.78
L357-1374	Single Fiber, 1000Mbps 1310nm SM, SC Connector, Up to 40km	F	\$3,200.00	\$2,321.41
L357-1584	Single Fiber, 1000Mbps 1550nm SM, SC Connector, Up to 40km	F	\$3,200.00	\$2,321.41

*Must Use in Pairs (1310nm/1550nm - 1550nm/1310nm)*

<b>CWDM Optics</b>				
L357-1070	1000Mbps, 1470nm, SM, SC Connector, 22dB	F	\$4,700.00	\$3,409.57
L357-1071	1000Mbps, 1490nm, SM, SC Connector, 22dB	F	\$4,700.00	\$3,409.57
L357-1072	1000Mbps, 1510nm, SM, SC Connector, 22dB	F	\$4,700.00	\$3,409.57
L357-1073	1000Mbps, 1530nm, SM, SC Connector, 22dB	F	\$4,700.00	\$3,409.57
L357-1074	1000Mbps, 1550nm, SM, SC Connector, 22dB	F	\$4,700.00	\$3,409.57
L357-1075	1000Mbps, 1570nm, SM, SC Connector, 22dB	F	\$4,700.00	\$3,409.57
L357-1076	1000Mbps, 1590nm, SM, SC Connector, 22dB	F	\$4,700.00	\$3,409.57
L357-1077	1000Mbps, 1610nm, SM, SC Connector, 22dB	F	\$4,700.00	\$3,409.57

<b>L357 1000Base-SX to 1000Base-X Ethernet Service Unit with Fixed Optics</b>				
<b>Standard 2 Fiber (TX &amp; RX) Optics</b>				
L357-2110	1000Base-SX, 850nm, MM, SC Connector, 6dB	F	\$1,400.00	\$1,015.62
L357-2113	1000Base-LX, 1310nm, SM, SC Connector, 7dB	F	\$1,800.00	\$1,305.79
L357-2323	1000Base-LD, 1310nm, SM, SC Connector, 14dB	F	\$2,100.00	\$1,523.43
L357-2333	1000Base-XD, 1310nm, SM, SC Connector, 21dB	F	\$3,600.00	\$2,611.59
L357-2533	1000Base-EX, 1550nm, SM, SC Connector, 21dB	F	\$4,100.00	\$2,974.31

<b>Single Fiber BiDi Optics</b>				
L357-2354	Single Fiber, 1000Mbps 1310nm SM, SC Connector, Up to 20km	F	\$3,100.00	\$2,248.87
L357-2564	Single Fiber, 1000Mbps 1550nm SM, SC Connector, Up to 20km	F	\$3,100.00	\$2,248.87
L357-2374	Single Fiber, 1000Mbps 1310nm SM, SC Connector, Up to 40km	F	\$3,400.00	\$2,466.50
L357-2584	Single Fiber, 1000Mbps 1550nm SM, SC Connector, Up to 40km	F	\$3,400.00	\$2,466.50

*Must Use in Pairs (1310nm/1550nm - 1550nm/1310nm)*

# CANOGA PERKINS

## EdgeAccess<sup>®</sup> L357 10/100/1000 Mbps Ethernet Service Unit (cont'd)

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>L357 1000Base-SX to 1000Base-X Ethernet Service Unit with Fixed Optics (cont'd)</b>				
<b>CWDM Optics</b>				
L357-2070	1000Mbps, 1470nm, SM, SC Connector, 22dB	F	\$4,900.00	\$3,554.66
L357-2071	1000Mbps, 1490nm, SM, SC Connector, 22dB	F	\$4,900.00	\$3,554.66
L357-2072	1000Mbps, 1510nm, SM, SC Connector, 22dB	F	\$4,900.00	\$3,554.66
L357-2073	1000Mbps, 1530nm, SM, SC Connector, 22dB	F	\$4,900.00	\$3,554.66
L357-2074	1000Mbps, 1550nm, SM, SC Connector, 22dB	F	\$4,900.00	\$3,554.66
L357-2075	1000Mbps, 1570nm, SM, SC Connector, 22dB	F	\$4,900.00	\$3,554.66
L357-2076	1000Mbps, 1590nm, SM, SC Connector, 22dB	F	\$4,900.00	\$3,554.66
L357-2077	1000Mbps, 1610nm, SM, SC Connector, 22dB	F	\$4,900.00	\$3,554.66

<b>L357 1000Base-LX to 1000Base-X Ethernet Service Unit with Fixed Optics</b>				
<b>Standard 2 Fiber (TX &amp; RX) Optics</b>				
L357-3323	1000Base-LD, 1310nm, SM, SC Connector, 14dB	F	\$4,100.00	\$2,974.31
L357-3533	1000Base-EX, 1550nm, SM, SC Connector, 21dB	F	\$4,300.00	\$3,119.40

<b>Single Fiber BiDi Optics</b>				
L357-3354	Single Fiber, 1000Mbps 1310nm SM, SC Connector, Up to 20km	F	\$3,600.00	\$2,611.59
L357-3564	Single Fiber, 1000Mbps 1550nm SM, SC Connector, Up to 20km	F	\$3,600.00	\$2,611.59

*Must Use in Pairs (1310nm/1550nm - 1550nm/1310nm)*

<b>Rackmount Host Module (holds 1-2 L3xx modules)</b>				
1230-2000	Bus Access Module (BAM) card for mounting one or two L3xx or 2346 modules in the UCS1000, UCS1001 chassis or 1050 enclosure	F	\$680.00	\$493.30

<b>Enclosures</b>				
1020-2100	1020 Management Access Enclosure, AC Power, holds one L3xx or 2346 Module, supports Last Gasp Alarm	A	\$350.00	\$335.01
1030-2200	1030E Unmanaged Standalone Enclosure, AC Power, holds one L3xx or 2346 Module, supports Last Gasp Alarm	A	\$120.00	\$114.86
1030-2400	1030E Unmanaged Standalone Enclosure, -48VDC Power, holds one L3xx or 2346 Module, supports Last Gasp Alarm	A	\$154.00	\$147.41
A001-9006	Wall Mount Kit for 1020 and 1030E Enclosures	A	\$25.00	\$23.93

# CANOGA PERKINS

## Pluggable SFP, SFP+ and XFP Optic Modules When Purchased with Base Unit

Optics Modules are listed by Speed. Multi-rate SFP Modules for Multi-Application Types are listed after 10 Gbps Ethernet modules  
Unless specified, all connectors are LC

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>UTP Ethernet SFP (RJ-45 Copper Interface)</b>				
Products: 9145E, 9145E10G (MPP), 9145EMP, 9145ELB (User Ports)				
<b>10/100/1000 UTP SFP</b>				
SFP0-0003	1000BaseT SFP, 10/100/100 Copper UTP, RJ-45 Connector	F	\$110.00	\$79.80
<b>100 Mbps Fast Ethernet SFP Optics</b>				
Products: 9145E, 9145E10G (MPP), 9145EMP, 9145ELB (User Ports)				
<b>100 Mbps - Standard 2 Fiber (TX &amp; RX)</b>				
SFP1-1205	100Mbps, SFP, 1310nm, MM, 10dB (100BaseFX)	F	\$120.00	\$87.05
SFP1-2155**	125 Mbps to 2.5 Gbps, 1310nm, 8dB FP, 22km @ 100Mbps, 5km @ 1.25Gbps, 2.5km @ 2.5Gbps	A	\$220.00	\$210.58
SFP1-2305	100Mbps, SFP, 1310nm 13dB	F	\$280.00	\$203.12
SFP1-2605	100Mbps, SFP, 1310nm 29dB	F	\$360.00	\$261.16
SFP1-3605	100Mbps, SFP, 1529dB	F	\$1,710.00	\$1,240.50
<b>100 Mbps - Hardened Standard 2 Fiber (TX &amp; RX)</b>				
SFP1-1203	100Mbps, SFP, 1310nm, MM, 10dB (100BaseFX), Hardened	F	\$240.00	\$174.11
SFP1-2303	100Mbps, SFP, 1310nm 13dB, Hardened	F	\$320.00	\$232.14
SFP1-2603	100Mbps, SFP, 1310nm 29dB, Hardened	F	\$400.00	\$290.18
<b>100 Mbps - Single Fiber BiDi SFP Optics</b>				
SFP1-4305	100Mbps, BiDi, SFP, 1310nm TX, 1550nm RX, 20 km	F	\$325.00	\$235.77
SFP1-5305	100Mbps, BiDi, SFP, 1550nm TX, 1310nm RX, 20 km	F	\$245.00	\$177.73
SFP1-4405	100Mbps, BiDi, SFP, 1310nm TX, 1550nm RX, 40 km	F	\$550.00	\$398.99
SFP1-5405	100Mbps, BiDi, SFP, 1550nm TX, 1310nm RX, 40 km	F	\$1,395.00	\$1,011.99
<b>100 Mbps - Hardened Single Fiber BiDi SFP Optics</b>				
SFP1-4303	100Mbps, BiDi, SFP, 1310nm TX, 1550nm RX, 20 km, Hardened	F	\$410.00	\$297.43
SFP1-5303	100Mbps, BiDi, SFP, 1550nm TX, 1310nm RX, 20 km, Hardened	F	\$410.00	\$297.43
SFP1-4403	100Mbps, BiDi, SFP, 1310nm TX, 1550nm RX, 40 km, Hardened	F	\$460.00	\$333.70
SFP1-5403	100Mbps, BiDi, SFP, 1550nm TX, 1310nm RX, 40 km, Hardened	F	\$795.00	\$576.73
<b>100 Mbps - CWDM SFP Optics</b>				
SFP1-2555	100Mbps to 2.5Gbps SFP, 1310nm, 60 km	F	\$3,105.00	\$2,252.49
SFP2-4765	100Mbps to 2.5Gbps SFP, 1470nm, 80 km	F	\$3,105.00	\$2,252.49
SFP2-4965	100Mbps to 2.5Gbps SFP, 1490nm, 80 km	F	\$3,105.00	\$2,252.49
SFP2-5165	100Mbps to 2.5Gbps SFP, 1510nm, 80 km	F	\$3,105.00	\$2,252.49
SFP2-5365	100Mbps to 2.5Gbps SFP, 1530nm, 80 km	F	\$3,105.00	\$2,252.49
SFP2-5565	100Mbps to 2.5Gbps SFP, 1550nm, 80 km	F	\$3,105.00	\$2,252.49
SFP2-5765	100Mbps to 2.5Gbps SFP, 1570nm, 80 km	F	\$3,105.00	\$2,252.49
SFP2-5965	100Mbps to 2.5Gbps SFP, 1590nm, 80 km	F	\$3,105.00	\$2,252.49
SFP2-6165	100Mbps to 2.5Gbps SFP, 1610nm, 80 km	F	\$3,105.00	\$2,252.49

# CANOVA PERKINS

## Pluggable SFP, SFP+ and XFP Optic Modules (cont'd) When Purchased with Base Unit

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>1 Gigabit Ethernet SFP Optics</b>				
Products: 9145E, 9145E10G (MPP), 9145EMP, 9145ELB (User Ports)				
<b>1 Gigabit - Standard 2 Fiber (TX &amp; RX)</b>				
SFP1-0045	1.062 to 2.125Gbps SFP (1000BaseSX), 850 MM, 7dB	F	\$120.00	\$87.05
SFP1-2225	1000BaseLX SFP, 1310nm, 5km (10dB)	F	\$420.00	\$304.69
SFP1-2725	1000BaseEX SFP, 1310nm, 17dB	F	\$1,095.00	\$794.36
SFP1-2445	1.062 to 2.125Gbps SFP, 1310nm, 21dB	F	\$1,050.00	\$761.71
SFP1-3445	1.062 to 2.125Gbps SFP, 15 21dB	F	\$2,320.00	\$1,683.02
<b>1 Gigabit - Hardened Standard 2 Fiber (TX &amp; RX)</b>				
SFP1-0043	1.062 to 2.125 Gbps SFP, 850nm, MM, 7dB (1000BaseSX)	F	\$175.00	\$126.95
SFP1-2223	1000BaseLX SFP, 1310nm, 10dB, 5km, Hardened	F	\$490.00	\$355.47
SFP1-2155**	125 Mbps to 2.5 Gbps, 1310nm, 8dB FP, 22km @ 100Mbps, 5km @ 1.25Gbps, 2.5km @ 2.5Gbps	A	\$220.00	\$210.58
SFP1-2723	1000BaseEX SFP, 1310nm, 17dB, Hardened	F	\$1,117.00	\$810.32
SFP1-2443	1.062 to 2.125 Gbps SFP, 1310nm, 21dB	F	\$1,175.00	\$852.39
SFP1-3443	1.062 to 2.125 Gbps SFP, 1550nm, 21dB	F	\$2,990.00	\$2,169.07
<b>1 Gigabit Ethernet Single Fiber BiDi SFP Optics</b>				
SFP1-4325	1 Gbps, BiDi SFP, 1310nm TX, 1550nm RX, 20 km	F	\$860.00	\$623.88
SFP1-5325	1 Gbps, BiDi SFP, 1550nm TX, 1310nm RX, 20 km	F	\$995.00	\$721.81
SFP1-4425	1 Gbps, BiDi SFP, 1310nm TX, 1550nm RX, 40 km	F	\$1,795.00	\$1,302.17
SFP1-5425	1 Gbps, BiDi SFP, 1550nm TX, 1310nm RX, 40 km	F	\$1,795.00	\$1,302.17
SFP1-6125	1 Gbps, BiDi SFP, 1310nm TX, 1490nm RX, 10KM	F	\$450.00	\$326.45
SFP1-7125	1 Gbps, BiDi SFP, 1490nm TX, 1310nm RX, 10KM	F	\$1,250.00	\$906.80
SFP1-6425	1 Gbps, BiDi SFP, 1310nm TX, 1490nm RX, 40KM	F	\$1,450.00	\$1,051.89
SFP1-7425	1 Gbps, BiDi SFP, 1490nm TX, 1310nm RX, 40KM	F	\$1,450.00	\$1,051.89
<b>1 Gigabit Ethernet Hardened Single Fiber BiDi SFP Optics</b>				
SFP1-4323	1 Gbps, BiDi SFP, 1310nm TX, 1550nm RX, 20 km, Hardened	F	\$620.00	\$449.77
SFP1-5323	1 Gbps, BiDi SFP, 1550nm TX, 1310nm RX, 20 km, Hardened	F	\$1,250.00	\$906.80
SFP1-4423	1 Gbps, BiDi SFP, 1310nm TX, 1550nm RX, 40 km, Hardened	F	\$1,310.00	\$950.33
SFP1-5423	1 Gbps, BiDi SFP, 1550nm TX, 1310nm RX, 40 km, Hardened	F	\$1,310.00	\$950.33
<b>1 Gigabit - CWDM SFP Optics</b>				
SFP1-2555	100Mbps to 2.5Gbps SFP, 1310nm, 60 km	F	\$3,105.00	\$2,252.49
SFP2-4765	100Mbps to 2.5Gbps SFP, 1470nm, 80 km	F	\$3,105.00	\$2,252.49
SFP2-4965	100Mbps to 2.5Gbps SFP, 1490nm, 80 km	F	\$3,105.00	\$2,252.49
SFP2-5165	100Mbps to 2.5Gbps SFP, 1510nm, 80 km	F	\$3,105.00	\$2,252.49
SFP2-5365	100Mbps to 2.5Gbps SFP, 1530nm, 80 km	F	\$3,105.00	\$2,252.49
SFP2-5565	100Mbps to 2.5Gbps SFP, 1550nm, 80 km	F	\$3,105.00	\$2,252.49
SFP2-5765	100Mbps to 2.5Gbps SFP, 1570nm, 80 km	F	\$3,105.00	\$2,252.49
SFP2-5965	100Mbps to 2.5Gbps SFP, 1590nm, 80 km	F	\$3,105.00	\$2,252.49
SFP2-6165	100Mbps to 2.5Gbps SFP, 1610nm, 80 km	F	\$3,105.00	\$2,252.49

# CANOGA PERKINS

## Pluggable SFP, SFP+ and XFP Optic Modules (cont'd)

### When Purchased with Base Unit

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>1 Gigabit Ethernet SFP+ Optics</b>				
Products: 9145ELB (Network Ports)				
<b>1 Gigabit - Standard 2 Fiber (TX &amp; RX)</b>				
SFP+1-0131	1/10GBase-SR Dual Speed SFP+, 850nm MM 300m	F	\$350.00	\$253.90
SFP+1-2231	1/10GBase-LR Dual Speed SFP+, 1310nm SM 10km	F	\$660.00	\$478.79
SFP+1-3431	1/10GBase-ER Dual Speed SFP+, 1550nm SM 40km	F	\$2,485.00	\$1,802.72
SFP+1-3631	1/10GBase-ZR Dual Speed SFP+, 1550nm SM 80km	F	\$5,170.00	\$3,750.53

<b>10 Gigabit Ethernet XFP Optics</b>				
Products: 9145E10G (Network & User Ports)				
<b>10 Gigabit - Standard 2 Fiber (TX &amp; RX)</b>				
XFP1-2265	10GBase-LR XFP, 1310nm SM 10km	F	\$2,625.00	\$1,904.28
XFP1-3665	10GBase-ZR XFP, 1550nm SM, 80Km	F	\$7,895.00	\$5,727.36

<b>10 Gigabit Ethernet SFP+ Optics</b>				
Products: 9145ELB (Network Ports)				
<b>10 Gigabit - Standard 2 Fiber (TX &amp; RX)</b>				
SFP+1-0131	1/10GBase-SR Dual Speed SFP+, 850nm, MM, 300m	F	\$350.00	\$253.90
SFP+1-2231	1/10GBase-LR Dual Speed SFP+, 1310nm, SM, 10km	F	\$660.00	\$478.79
SFP+1-3431	1/10GBase-ER Dual Speed SFP+, 1550nm, SM, 40km	F	\$2,485.00	\$1,802.72
SFP+1-3631	1/10GBase-ZR Dual Speed SFP+, 1550nm, SM, 80km	F	\$5,170.00	\$3,750.53

<b>10 Gigabit Ethernet Single Fiber BiDi SFP+ Optics</b>				
SFP+1-4221	10 Gbps, BiDi, SFP+, 1270nm TX, 1330nm RX, 10km	F	\$990.00	\$718.19
SFP+1-5221	10 Gbps, BiDi, SFP+, 1330nm TX, 1270nm RX, 10km	F	\$990.00	\$718.19

<b>10 Gigabit - DWDM SFP+ Optics</b>				
SFP+3-xx62	10 Gbps, SFP+, DWDM, 100 Ghz Spacing, 40km	F	\$4,600.00	\$3,337.03
SFP+3-xx82	10 Gbps, SFP+, DWDM, 100 Ghz Spacing, 80km	F	\$6,100.00	\$4,425.19
<i>xx = ITU Wavelength Designator, 00-99, 1546.12nm to 1610.06nm</i>				
<i>Please contact your Canoga Perkins Sales Rep for detailed ordering information</i>				

\*\* 1 Month Warranty

# CANOGA PERKINS

## Pluggable SFP, SFP+ and XFP Optic Modules

### When Purchased Separately

Optics Modules are listed by Speed. Multi-rate SFP Modules for Multi-Application Types are listed after 10 Gbps Ethernet modules  
Unless specified, all connectors are LC

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>UTP Ethernet SFP (RJ-45 Copper Interface)</b>				
Products: 9145E, 9145E10G (MPP), 9145EMP, 9145ELB (User Ports)				
<b>10/100/1000 UTP SFP</b>				
SFP0-0003	1000BaseT SFP, 10/100/100 Copper UTP, RJ-45 Connector	F	\$132.00	\$118.80
<b>100 Mbps Fast Ethernet SFP Optics</b>				
Products: 9145E, 9145E10G (MPP), 9145EMP, 9145ELB (User Ports)				
<b>100 Mbps - Standard 2 Fiber (TX &amp; RX)</b>				
SFP1-1205	100Mbps, SFP, 1310nm, MM, 10dB (100BaseFX)	F	\$144.00	\$129.60
SFP1-2155**	125 Mbps to 2.5 Gbps, 1310nm, 8dB FP, 22km @ 100Mbps, 5km @ 1.25Gbps, 2.5km @ 2.5Gbps	A	\$220.00	\$220.00
SFP1-2305	100Mbps, SFP, 1310nm 13dB	F	\$336.00	\$302.40
SFP1-2605	100Mbps, SFP, 1310nm 29dB	F	\$432.00	\$388.80
SFP1-3605	100Mbps, SFP, 1529dB	F	\$2,052.00	\$1,846.80
<b>100 Mbps - Hardened Standard 2 Fiber (TX &amp; RX)</b>				
SFP1-1203	100Mbps, SFP, 1310nm, MM, 10dB (100BaseFX), Hardened	F	\$288.00	\$259.20
SFP1-2303	100Mbps, SFP, 1310nm 13dB, Hardened	F	\$384.00	\$345.60
SFP1-2603	100Mbps, SFP, 1310nm 29dB, Hardened	F	\$480.00	\$432.00
<b>100 Mbps - Single Fiber BiDi SFP Optics</b>				
SFP1-4305	100Mbps, BiDi, SFP, 1310nm TX, 1550nm RX, 20 km	F	\$390.00	\$351.00
SFP1-5305	100Mbps, BiDi, SFP, 1550nm TX, 1310nm RX, 20 km	F	\$294.00	\$264.60
SFP1-4405	100Mbps, BiDi, SFP, 1310nm TX, 1550nm RX, 40 km	F	\$660.00	\$594.00
SFP1-5405	100Mbps, BiDi, SFP, 1550nm TX, 1310nm RX, 40 km	F	\$1,674.00	\$1,506.60
<b>100 Mbps - Hardened Single Fiber BiDi SFP Optics</b>				
SFP1-4303	100Mbps, BiDi, SFP, 1310nm TX, 1550nm RX, 20 km, Hardened	F	\$492.00	\$442.80
SFP1-5303	100Mbps, BiDi, SFP, 1550nm TX, 1310nm RX, 20 km, Hardened	F	\$492.00	\$442.80
SFP1-4403	100Mbps, BiDi, SFP, 1310nm TX, 1550nm RX, 40 km, Hardened	F	\$552.00	\$496.80
SFP1-5403	100Mbps, BiDi, SFP, 1550nm TX, 1310nm RX, 40 km, Hardened	F	\$954.00	\$858.60
<b>100 Mbps - CWDM SFP Optics</b>				
SFP1-2555	100Mbps to 2.5Gbps SFP, 1310nm, 60 km	F	\$3,450.00	\$3,105.00
SFP2-4765	100Mbps to 2.5Gbps SFP, 1470nm, 80 km	F	\$3,450.00	\$3,105.00
SFP2-4965	100Mbps to 2.5Gbps SFP, 1490nm, 80 km	F	\$3,450.00	\$3,105.00
SFP2-5165	100Mbps to 2.5Gbps SFP, 1510nm, 80 km	F	\$3,450.00	\$3,105.00
SFP2-5365	100Mbps to 2.5Gbps SFP, 1530nm, 80 km	F	\$3,450.00	\$3,105.00
SFP2-5565	100Mbps to 2.5Gbps SFP, 1550nm, 80 km	F	\$3,450.00	\$3,105.00
SFP2-5765	100Mbps to 2.5Gbps SFP, 1570nm, 80 km	F	\$3,450.00	\$3,105.00
SFP2-5965	100Mbps to 2.5Gbps SFP, 1590nm, 80 km	F	\$3,450.00	\$3,105.00
SFP2-6165	100Mbps to 2.5Gbps SFP, 1610nm, 80 km	F	\$3,450.00	\$3,105.00

# CANOGA PERKINS

## Pluggable SFP, SFP+ and XFP Optic Modules (cont'd)

**When Purchased Separately**

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>1 Gigabit Ethernet SFP Optics</b>				
Products: 9145E, 9145E10G (MPP), 9145EMP, 9145ELB (User Ports)				
<b>1 Gigabit - Standard 2 Fiber (TX &amp; RX)</b>				
SFP1-0045	1.062 to 2.125Gbps SFP (1000BaseSX), 850 MM, 7dB	F	\$144.00	\$104.46
SFP1-2225	1000BaseLX SFP, 1310nm, 5km (10dB)	F	\$504.00	\$365.62
SFP1-2725	1000BaseEX SFP, 1310nm, 17dB	A	\$220.00	\$953.23
SFP1-2445	1.062 to 2.125Gbps SFP, 1310nm, 21dB	A	\$1,314.00	\$914.06
SFP1-3445	1.062 to 2.125Gbps SFP, 15 21dB	F	\$1,260.00	\$2,019.63
		F	\$2,784.00	\$2,019.63
<b>1 Gigabit - Hardened Standard 2 Fiber (TX &amp; RX)</b>				
SFP1-0043	1.062 to 2.125 Gbps SFP, 850nm, MM, 7dB (1000BaseSX)			
SFP1-2223	1000BaseLX SFP, 1310nm, 10dB, 5km, Hardened	F	\$210.00	\$426.56
SFP1-2155**	125 Mbps to 2.5 Gbps, 1310nm, 8dB FP, 22km @ 100Mbps, 5km @ 1.25Gbps, 2.5km @ 2.5Gbps	F	\$588.00	\$210.58
SFP1-2723	1000BaseEX SFP, 1310nm, 17dB, Hardened	F	\$1,314.00	\$953.23
SFP1-2443	1.062 to 2.125 Gbps SFP, 1310nm, 21dB	F	\$1,410.00	\$1,022.87
SFP1-3443	1.062 to 2.125 Gbps SFP, 1550nm, 21dB	F	\$3,588.00	\$2,602.88
<b>1 Gigabit Ethernet Single Fiber BiDi SFP Optics</b>				
SFP1-4325	1 Gbps, BiDi SFP, 1310nm TX, 1550nm RX, 20 km	F	\$1,032.00	\$748.65
SFP1-5325	1 Gbps, BiDi SFP, 1550nm TX, 1310nm RX, 20 km	F	\$1,194.00	\$866.18
SFP1-4425	1 Gbps, BiDi SFP, 1310nm TX, 1550nm RX, 40 km	F	\$2,154.00	\$1,562.60
SFP1-5425	1 Gbps, BiDi SFP, 1550nm TX, 1310nm RX, 40 km	F	\$2,154.00	\$1,562.60
SFP1-6125	1 Gbps, BiDi SFP, 1310nm TX, 1490nm RX, 10KM	F	\$540.00	\$391.74
SFP1-7125	1 Gbps, BiDi SFP, 1490nm TX, 1310nm RX, 10KM	F	\$1,500.00	\$1,088.16
SFP1-6425	1 Gbps, BiDi SFP, 1310nm TX, 1490nm RX, 40KM	F	\$1,740.00	\$1,262.27
SFP1-7425	1 Gbps, BiDi SFP, 1490nm TX, 1310nm RX, 40KM	F	\$1,740.00	\$1,262.27
<b>1 Gigabit Ethernet Hardened Single Fiber BiDi SFP Optics</b>				
SFP1-4323	1 Gbps, BiDi SFP, 1310nm TX, 1550nm RX, 20 km, Hardened	F	\$744.00	\$539.73
SFP1-5323	1 Gbps, BiDi SFP, 1550nm TX, 1310nm RX, 20 km, Hardened	F	\$1,500.00	\$1,088.16
SFP1-4423	1 Gbps, BiDi SFP, 1310nm TX, 1550nm RX, 40 km, Hardened	F	\$1,572.00	\$1,140.39
SFP1-5423	1 Gbps, BiDi SFP, 1550nm TX, 1310nm RX, 40 km, Hardened	F	\$1,572.00	\$1,140.39
<b>1 Gigabit - CWDM SFP Optics</b>				
SFP1-2555	100Mbps to 2.5Gbps SFP, 1310nm, 60 km	F	\$3,450.00	\$2,502.77
SFP2-4765	100Mbps to 2.5Gbps SFP, 1470nm, 80 km	F	\$3,450.00	\$2,502.77
SFP2-4965	100Mbps to 2.5Gbps SFP, 1490nm, 80 km	F	\$3,450.00	\$2,502.77
SFP2-5165	100Mbps to 2.5Gbps SFP, 1510nm, 80 km	F	\$3,450.00	\$2,502.77
SFP2-5365	100Mbps to 2.5Gbps SFP, 1530nm, 80 km	F	\$3,450.00	\$2,502.77
SFP2-5565	100Mbps to 2.5Gbps SFP, 1550nm, 80 km	F	\$3,450.00	\$2,502.77
SFP2-5765	100Mbps to 2.5Gbps SFP, 1570nm, 80 km	F	\$3,450.00	\$2,502.77
SFP2-5965	100Mbps to 2.5Gbps SFP, 1590nm, 80 km	F	\$3,450.00	\$2,502.77
SFP2-6165	100Mbps to 2.5Gbps SFP, 1610nm, 80 km	F	\$3,450.00	\$2,502.77

# CANOGA PERKINS

## Pluggable SFP, SFP+ and XFP Optic Modules (cont'd)

**When Purchased Separately**

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>1 Gigabit Ethernet SFP+ Optics</b>				
Products: 9145ELB (Network Ports)				
<b>1 Gigabit - Standard 2 Fiber (TX &amp; RX)</b>				
SFP+1-0131	1/10GBase-SR Dual Speed SFP+, 850nm MM 300m	F	\$420.00	\$304.69
SFP+1-2231	1/10GBase-LR Dual Speed SFP+, 1310nm SM 10km	F	\$792.00	\$574.55
SFP+1-3431	1/10GBase-ER Dual Speed SFP+, 1550nm SM 40km	F	\$2,982.00	\$2,163.26
SFP+1-3631	1/10GBase-ZR Dual Speed SFP+, 1550nm SM 80km	F	\$6,204.00	\$4,500.63

<b>10 Gigabit Ethernet XFP Optics</b>				
Products: 9145E10G (Network & User Ports)				
<b>10 Gigabit - Standard 2 Fiber (TX &amp; RX)</b>				
XFP1-2265	10GBase-LR XFP, 1310nm SM 10km	F	\$2,625.00	\$1,904.28
XFP1-3665	10GBase-ZR XFP, 1550nm SM, 80Km	F	\$7,895.00	\$5,727.36

<b>10 Gigabit Ethernet SFP+ Optics</b>				
Products: 9145ELB (Network Ports)				
<b>10 Gigabit - Standard 2 Fiber (TX &amp; RX)</b>				
SFP+1-0131	1/10GBase-SR Dual Speed SFP+, 850nm, MM, 300m	F	\$420.00	\$304.69
SFP+1-2231	1/10GBase-LR Dual Speed SFP+, 1310nm, SM, 10km	F	\$792.00	\$574.55
SFP+1-3431	1/10GBase-ER Dual Speed SFP+, 1550nm, SM, 40km	F	\$2,982.00	\$2,163.26
SFP+1-3631	1/10GBase-ZR Dual Speed SFP+, 1550nm, SM, 80km	F	\$6,204.00	\$4,500.63

<b>10 Gigabit Ethernet Single Fiber BiDi SFP+ Optics</b>				
SFP+1-4221	10 Gbps, BiDi, SFP+, 1270nm TX, 1330nm RX, 10km	F	\$1,188.00	\$861.82
SFP+1-5221	10 Gbps, BiDi, SFP+, 1330nm TX, 1270nm RX, 10km	F	\$1,188.00	\$861.82

<b>10 Gigabit - DWDM SFP+ Optics</b>				
SFP+3-xx62	10 Gbps, SFP+, DWDM, 100 Ghz Spacing, 40km	F	\$5,520.00	\$4,004.43
SFP+3-xx82	10 Gbps, SFP+, DWDM, 100 Ghz Spacing, 80km	F	\$7,320.00	\$5,310.23
<i>xx = ITU Wavelength Designator, 00-99, 1546.12nm to 1610.06nm</i>				
<i>Please contact your Canoga Perkins Sales Rep for detailed ordering information</i>				

\*\* 1 Month Warranty

# CANOGA PERKINS

## EdgeAccess<sup>®</sup> L322 Media Converters, 100Base-T/Fiber

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>L351 100 Mbps UTP to Fiber Media Converter</b>				
<b>Standard 2 Fiber (TX &amp; RX) Optics</b>				
L322-1213	100Mbps, 1310nm, MM, SC Connector, 11db	F	\$550.00	\$398.99
L322-1313	100Mbps, 1310nm, SM, SC Connector, 10db	F	\$750.00	\$544.08
L322-1333	100Mbps, 1310nm, SM, SC Connector, 26db	F	\$1,600.00	\$1,160.71
L322-1543	100Mbps, 1550nm, SM, SC Connector, 30db	F	\$3,100.00	\$2,248.87
<b>Single Fiber BiDi SFP Optics</b>				
L322-1354	Single Fiber, 100Mbps 1310nm SM, SC Connector, Up to 20km	F	\$750.00	\$544.08
L322-1564	Single Fiber, 100Mbps 1550nm SM, SC Connector, Up to 20km	F	\$950.00	\$689.17
L322-1374	Single Fiber, 100Mbps 1310nm SM, SC Connector, Up to 40km	F	\$850.00	\$616.62
L322-1584	Single Fiber, 100Mbps 1550nm SM, SC Connector, Up to 40km	F	\$1,250.00	\$906.80
<i>Must Use in Pairs (1310nm/1550nm - 1550nm/1310nm)</i>				
<b>Rackmount Adapter (holds 1-2 L3xx modules)</b>				
1230-2000	Bus Access Module (BAM) card for mounting one or two L3xx or 2346 modules in the UCS1000, 1001 chassis or 1050 enclosure	F	\$680.00	\$493.30
<b>Standalone Enclosure</b>				
1030-2200	1030E Unmanaged Standalone Enclosure, AC Power, holds one L3xx or 2346 Module, supports Last Gasp Alarm	A	\$120.00	\$114.86
1030-2400	1030E Unmanaged Standalone Enclosure, -48VDC Power, holds one L3xx or 2346 Module, supports Last Gasp Alarm	A	\$154.00	\$147.41
A001-9006	Wall Mount Kit for 1020 and 1030E Enclosures	A	\$25.00	\$23.93

# CANOGA PERKINS

## Accessories - Brackets, Blank Panels, Cables, Adapters For all Product Lines

MODEL	DESCRIPTION	PROD CAT	LIST	GSA PRICE
<b>UCS1000 Chassis</b>				
1800-2008	23" Rack Mount Bracket Kit for Fan Tray	A	\$50.00	\$47.86
1800-2009	23" Rack Mount Bracket Ki for UCS1000 Chassis	A	\$50.00	\$47.86
A001-9010	DMM slot Blank Panel	A	\$10.00	\$9.57
A001-9011	CIM slot Blank Panel	A	\$15.00	\$14.36
A001-9012	DC Power Supply Blank Panel	A	\$20.00	\$19.14
A001-9013	1 slot Blank Panel	A	\$10.00	\$9.57
A001-9014	4 slot Blank Panel	A	\$15.00	\$14.36
A001-9015	LIM slot Blank Panel	A	\$10.00	\$9.57
A001-9016	Blank Panel Kit containing 15 one-slot Blank Panels	A	\$129.00	\$123.48
C005-000	2 feet Shielded UTP cable	A	\$5.00	\$4.79
C006-000	10 feet Shielded UTP cable	A	\$10.00	\$9.57
<b>UCS1001 Chassis</b>				
1801-2008	23" Rack Mount Kit for UCS1001 Chassis	A	\$25.00	\$23.93
A001-9013	1 slot Blank Panel	A	\$10.00	\$9.57
<b>UCS1002 Chassis</b>				
1801-2009	23" Rack Mount Kit for UCS1002 Chassis	A	\$25.00	\$23.93
A002-9012	Power Supply Blank Panel	A	\$15.00	\$14.36
1002-7600	One-slot Blank Panel	A	\$15.00	\$14.36
1002-7601	Spacer Panel for Single Power Supply	A	\$15.00	\$14.36
A002-9016	Blank Panel Kit containing 14 one-slot Blank Panels	A	\$150.00	\$143.58
C005-000	2 feet Shielded UTP cable	A	\$5.00	\$4.79
C006-000	10 feet Shielded UTP cable	A	\$10.00	\$9.57
<b>9145E, 9145E10G &amp; 9145EMP Network Interface Devices (NIDs)</b>				
1802-2016	Rack Mount Kit, 19" Single Unit	A	\$35.00	\$33.50
1802-2017	Rack Mount Kit, 23" Single Unit	A	\$35.00	\$33.50
1802-2018	Rack Mount Kit, 19" Dual Unit 1/2 Kit	A	\$45.00	\$43.07
1802-2019	Rack Mount Kit, 19" Dual Unit Full Kit	A	\$70.00	\$67.00
1802-2020	Rack Mount Kit, 23" Dual Unit 1/2 Kit	A	\$45.00	\$43.07
1802-2021	Rack Mount Kit, 23" Dual Unit Full Kit	A	\$70.00	\$67.00