

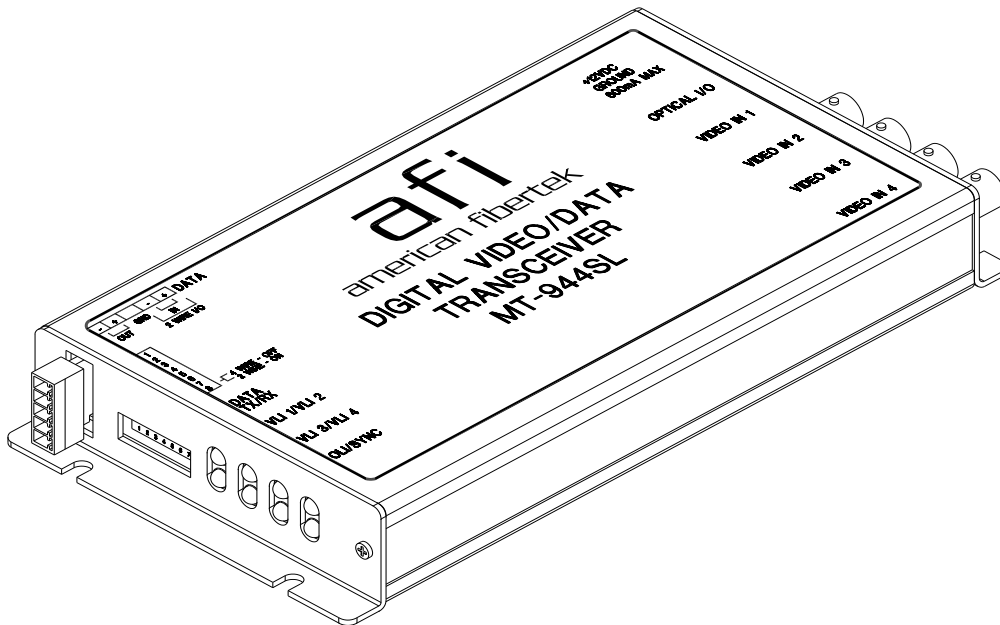
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american fibertek

120 Belmont Drive, Somerset, NJ 08873
877-234-7200 / 732-302-0660 / Fax: 732.302.0667
www.americanfibertek.com

Fiber Optic and IP Video, Audio, and Data Transmission Systems

Price List




USA / Canada

Effective November 1, 2012

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In addition to the products listed in this price book, American Fibertek also manufactures a wide range of special order products. If you don't see a system for your application, please contact us for assistance.


New Product


Price Decrease

NETWORK PRODUCTS *

* Note: Lifetime Warranty coverage does not apply to Network Products. These products carry a 5 year warranty.

Unmanaged Ethernet Switches - Poe and Non-PoE

		<u>List</u>
MX-6p	Unmanaged 6-Port Ethernet Switch, (4) 10/100/1000 & (2) Combination RJ45/SFP 1000 Ports, Module	1,060.00
MX-6p-PoE	Unmanaged 6-Port Ethernet Switch, (4) 10/100/1000 PoE af & (2) Combination RJ45/SFP 1000 Ports, No PS, Module	1,090.00
MXB-6p-PoE	Unmanaged 6-Port Ethernet Switch, (4) 10/100/1000 PoE af & (2) Combination RJ45/SFP 1000 Ports, Embedded Power Supply	1,390.00
CXB-6p-PoE	Unmanaged 6-Port Ethernet Switch, (4) 10/100/1000 PoE af & (2) Combination RJ45/SFP 1000 Ports + Data, CC & Probe Ports	2,190.00
CX-6p-PoE	Unmanaged 6-Port Ethernet Switch, (4) 10/100/1000 PoE af & (2) Combination RJ45/SFP 1000 Ports + Data, CC & Probe Ports, Module	2,190.00
PS-48120	Universal Input Power Supply, 48V/120W, for MX-6p-PoE and CX-6p-PoE	280.00

Managed Ethernet Switches - PoE and Non-PoE

SM9p	Managed 9-Port Ethernet Switch, (7) 10/100/1000 & (2) Combination RJ45/SFP 1000 Ports	950.00
SM10p-PoE	Managed 10-Port Ethernet Switch, (8) 10/100 PoE af & (2) Combination RJ45/SFP 100/1000 Ports	995.00
SM24p-PoE	Managed 24-Port Ethernet Switch, (20) 10/100/1000 PoE af & (4) Combination RJ45/SFP 100/1000 Ports. Rack ears included.	1,450.00
SM9-RK	Rack Mount Kit for SM9p	40.00
SM10-RK	Rack Mount Kit for SM10p-PoE	40.00

Commander Intelligent Network Switch

C10p	10 port IP Network Security Switch with (2) 1-Gig SFP Ports	2,180.00
C10e-PoE	10 port IP Network Security Switch with (2) 1-Gig RJ45 Ports and (8) PoE af Ports	3,590.00
C10p-PoE	10 port IP Network Security Switch with (2) 1-Gig SFP Ports and (8) PoE af Ports	3,590.00
C10-HRM	Rack Mounting Kit For Single Commander C10 Switch - Half 1U	36.00
C10-FRM	Rack Mounting Kit For Dual Commander C10 Switches - Full 1U	51.00

Scout Environmental Sensing System

SS1	10 Probe Inputs / 10 Alarm Inputs / 10 Auxiliary Outputs - Built in Web Browser	2,890.00
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Net I/O Alarm / Auxiliary / Data Network

N-664	6 Contact Inputs / 6 Contact Outputs / 4 Data Streams	1,390.00
N-111	1 Contact Input / 1 Contact Output / 1 Data Stream	695.00

Small Form Pluggable (SFP) Modules

SFP-TX	Copper, 10/1001000Mbps, RJ45	140.00
SFP-FX	Multimode, 100Mbps, 1310nm, 2KM, 2 Fiber, LC	
SFP-SX	Multimode, 1000Mbps, 850nm, 550M, 2 Fiber, LC	98.00
SFP-LX-2	Multimode, 1000Mbps, 1310nm, 2KM, 2 Fiber, LC	Call
SFP-FX-15	Singlemode, 100Mbps, 1310nm, 15KM, 2 Fiber, LC	Call
SFP-LX	Singlemode, 1000Mbps, 1310nm, 10KM, 2 Fiber, LC	120.00
SFP-ZX	Singlemode, 1000Mbps, 1550nm, 80KM, 2 Fiber, LC	920.00
SFP-FX1-20A	Singlemode, 100Mbps, 1310/1550nm, 20KM, 1 Fiber, LC	Call
SFP-FX1-20B	Singlemode, 100Mbps, 1550/1310nm, 20KM, 1 Fiber, LC	Call
SFP-LX1-20A	Singlemode, 1000Mbps, 1310/1550nm, 20KM, 1 Fiber, LC	Call
SFP-LX1-20B	Singlemode, 1000Mbps, 1550/1310nm, 20KM, 1 Fiber, LC	Call
SFP-BXU	Singlemode, 1000Mbps, 1310/1490nm, 20KM, 1 Fiber, LC	Call
SFP-BXD	Singlemode, 1000Mbps, 1490/1310nm, 20KM, 1 Fiber, LC	Call
SFP-59-40	Singlemode, 1000Mbps, 1590nm, 40KM, 2 Fiber, LC	Call
SFP-61-40	Singlemode, 1000Mbps, 1610nm, 40KM, 2 Fiber, LC	Call

Intelligent Probes For Use with Scout Or Commander

P-TA	Temperature / Airflow Probe	296.00
P-TAH	Temperature / Airflow / Humidity Probe	360.00
P-VFP	Voltage / Frequency / Power Probe	390.00
P-RB	Probe Mounting Bracket	80.00
N-TAH	Temperature / Airflow / Humidity Module	690.00

All Module prices include power supply.

Prices and specifications subject to change without prior notice.

NETWORK PRODUCTS - CONTINUED

Pilot Software Solutions To Monitor Scout, Net I/O Units and/or Commander Switches		List
Pilot-CS	Per Device IP Address	190.00

Miniature Ethernet Copper / Fiber Media Converter

Includes one unmanaged RJ45 copper port and one unmanaged 1300nm fiber port in a modular footprint.

MX1M-FX-ST, MX1M-FX-SC	10/100 Mb/s, Multimode, 2 Fiber, 2KM Max Distance	350.00
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Ethernet Copper / Fiber Transceivers

All units include two unmanaged RJ45 copper ports and one unmanaged 1300nm fiber port. SC connectors standard, change to ST or FC for connector type.

Note: MX=Modular Transceiver

MXR=Rack Card Transceiver

MX2-MM-FX-SC, MXR2-MM-FX-SC	10/100 Mb/s, Multimode, 2 Fiber, 2KM Max Distance	270.00
MX2-SM-FX-SC, MXR2-SM-FX-SC	10/100 Mb/s, Singlemode, 2 Fiber, 20KM Max Distance	470.00
MX2-MM-LX-SC, MXR2-MM-LX-SC	10/100/1000 Mb/s, Multimode, 2 Fiber, 500M Max Distance	570.00
MX2-SM-LX-SC, MXR2-SM-LX-SC	10/100/1000 Mb/s, Singlemode, 2 Fiber, 20KM Max Distance	930.00

4-Port Ethernet Copper Unmanaged Network Switches

Note: MX=Modular Transceiver

MXR=Rack Card Transceiver

MX4-100TX, MXR4-100TX	10/100 Mb/s	190.00
MX4-1000TX, MXR4-1000TX	10/100/1000 Mb/s	250.00

Rack Accessories For Ethernet Copper / Fiber and Copper Network Switches

MXRC-1	Standard EIA 19" Rack Frame for MXR units, includes MXRCPS-1 Power Supply	960.00
MXRCPS-1	Power Supply for use with MXRC-1 Subrack	360.00
MRC	Module to Rack Card Conversion Kit	25.00

NETWORK SOFTWARE SOLUTIONS

Pilot Software

Pilot Lite - Video Management Software for Systems Up to 16 Channels

PL-004	Pilot Lite per 4 Channels	900.00
PL-009	Pilot Lite per 8 Channels	1,600.00
PL-016	Pilot Lite per 16 Channels	2,500.00

Pilot Enterprise - Video Management Software for Systems Requiring Unlimited Cameras

		Per Channel
PE-XXX	1 to 100 Channels of Video	240.00
(X = # of channels)	101 to 250 Channels of Video	200.00
	250+ Channels of Video	170.00

Pilot Viewing Only - For DVR Management

PEV-XXX	Per Channel	Consult Factory
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Pilot Data Channel - SQL/XML/RS232/RS422/RS485 Data Channels

PDC-XXX	Per Channel	675.00
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Pilot Web Access - PTZ Control in the Palm of your Hand

PWS-X	PWS is access to Pilot via a web browser. One web access session is included with Pilot software.	240.00
(X= # of web sessions)	Additional sessions must be ordered separately.	

Pilot Policy - Site Upgrade Protection

Upgrade protection is included for the first year, additional years may be purchased during that period at the following costs.		
PSMA-1	1 Year Coverage	15% MSRP
PSMA-2	2 Year Coverage	25% MSRP
PSMA-3	3 Year Coverage	35% MSRP

American Dynamics Virtual Keyboard

AFI-2089	Virtual Keyboard of the American Dynamics AD2089 physical keyboard	790.00
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ETHERNET SYSTEMS / PoE / PoE+ / PoE-HP - MULTIMODE /SINGLEMODE

Note: MX - Modular TCVR
MTX - Modular Data TX/RX
RTX - Rack Card Data TX/RX

RX - Rack Card TCVR
MRX - Modular Data RX/TX
RRX - Rack Card Data RX/TX

<u>10/100 Ethernet</u>	<i>* Power Supplies not included with POE / POE+ / POE-HP modules</i>	<u>List</u>
MX-46-FX-ST, RX-46-FX-ST	2 Fiber 10/100 Ethernet, 1300nm, 2KM, MM	590.00
MTX-46-FX-ST, RTX-46-FX-ST, MRX-46-FX-ST, RRX-46-FX-ST	1 Fiber 10/100 Ethernet, 1300/1550nm, 2KM, MM	790.00
MX-46-FX-SL-ST, RX-46-FX-SL-ST	2 Fiber 10/100 Ethernet, 1300nm, 20KM, SM	990.00
MTX-46-FX-SL-ST, RTX-46-FX-SL-ST, MRX-46-FX-SL-ST, RRX-46-FX-SL-ST	1 Fiber 10/100 Ethernet, 1300/1550nm, 20KM, SM	1,090.00

10/100 Ethernet - PoE 802.3af (2-Ports / 15W per Port)

MX-46-FX-ST-POE	2 Fiber 10/100 Ethernet, 1300nm, 2-Ch / 15W, 802.3af, 2KM, MM	730.00
MTX-46-FX-ST-POE	1 Fiber 10/100 Ethernet, 1300/1550nm, 2-Ch / 15W, 802.3af, 2KM, MM	880.00
MX-46-FX-SL-ST-POE	2 Fiber 10/100 Ethernet, 1300nm, 2-Ch / 15W, 802.3af, 20KM, SM	1,090.00
MTX-46-FX-SL-ST-POE	1 Fiber 10/100 Ethernet, 1300/1550nm, 2-Ch / 15W, 802.3af, 20KM, SM	1,180.00

10/100 Ethernet - PoE+ 802.3at (2-Ports / 30W per Port)

MX-46-FX-ST-POE+	2 Fiber 10/100 Ethernet, 1300nm, 2-Ch / 30W, 802.3at, 2KM, MM	880.00
MTX-46-FX-ST-POE+	1 Fiber 10/100 Ethernet, 1300/1550nm, 2-Ch / 30W, 802.3at, 2KM, MM	940.00
MX-46-FX-SL-ST-POE+	2 Fiber 10/100 Ethernet, 1300nm, 2-Ch / 30W, 802.3at, 20KM, SM	1,180.00
MTX-46-FX-SL-ST-POE+	1 Fiber 10/100 Ethernet, 1300/1550nm, 2-Ch / 30W, 802.3at, 20KM, SM	1,270.00

10/100 Ethernet - PoE-HP (2-Ports / 60W 1-Port)

MX-46-FX-ST-POE-HP	2 Fiber 10/100 Ethernet, 1300nm, 1-Ch / 60W, 2KM, MM	920.00
MTX-46-FX-ST-POE-HP	1 Fiber 10/100 Ethernet, 1300/1550nm, 1-Ch / 60W, 2KM, MM	990.00
MX-46-FX-SL-ST-POE-HP	2 Fiber 10/100 Ethernet, 1300nm, 1-Ch / 60W, 20KM, SM	1,240.00
MTX-46-FX-SL-ST-POE-HP	1 Fiber 10/100 Ethernet, 1300/1550nm, 1-Ch / 60W, 20KM, SM	1,330.00

10/100/1000 Ethernet

MX-48-SX-ST, RX-48-SX-ST	2 Fiber 10/100/1000 Ethernet, 850nm, 220M, MM	690.00
MX-48-LX-ST, RX-48-LX-ST	2 Fiber 10/100/1000 Ethernet, 1300nm, 550M, MM	890.00
MTX-48-LX-ST, RTX-48-LX-ST, MRX-48-LX-ST, RRX-48-LX-ST	1 Fiber 10/100/1000 Ethernet, 1300/1550nm, 550M, MM	990.00
MX-48-LX-SL-ST, RX-48-LX-SL-ST	2 Fiber 10/100/1000 Ethernet, 1300nm, 10KM, SM	1,190.00
MTX-48-LX-SL-ST, RTX-48-LX-SL-ST, MRX-48-LX-SL-ST, RRX-48-LX-SL-ST	1 Fiber 10/100/1000 Ethernet, 1300/1550nm, 10KM, SM	1,290.00

10/100/1000 Ethernet - PoE 802.3af (2-Ports / 15W per Port)

MX-48-SX-ST-POE	2 Fiber 10/100/1000 Ethernet, 850nm, 2-Ch / 15W, 802.3af, 220M, MM	830.00
MX-48-LX-ST-POE	2 Fiber 10/100/1000 Ethernet, 1300nm, 2-Ch / 15W, 802.3af, 550M, MM	1,030.00
MTX-48-LX-ST-POE	1 Fiber 10/100/1000 Ethernet, 1300/1550nm, 2-Ch / 15W, 802.3af, 550M, MM	1,130.00
MX-48-LX-SL-ST-POE	2 Fiber 10/100/1000 Ethernet, 1300nm, 2-Ch / 15W, 802.3af, 10KM, SM	1,330.00
MTX-48-LX-SL-ST-POE	1 Fiber 10/100/1000 Ethernet, 1300/1550nm, 2-Ch / 15W, 802.3af, 10KM, SM	1,430.00

10/100/1000 Ethernet - PoE+ 802.3at (2-Ports / 30W per Port)

MX-48-SX-ST-POE+	2 Fiber 10/100/1000 Ethernet, 850nm, 2-Ch / 30W, 802.3at, 220M, MM	960.00
MX-48-LX-ST-POE+	2 Fiber 10/100/1000 Ethernet, 1300nm, 2-Ch / 30W, 802.3at, 550M, MM	1,160.00
MTX-48-LX-ST-POE+	1 Fiber 10/100/1000 Ethernet, 1300/1550nm, 2-Ch / 30W, 802.3at, 550M, MM	1,270.00
MX-48-LX-SL-ST-POE+	2 Fiber 10/100/1000 Ethernet, 1300nm, 2-Ch / 30W, 802.3at, 10KM, SM	1,500.00
MTX-48-LX-SL-ST-POE+	1 Fiber 10/100/1000 Ethernet, 1300/1550nm, 2-Ch / 30W, 802.3at, 10KM, SM	1,600.00

ETHERNET SYSTEMS / PoE / PoE+ / PoE-HP - MULTIMODE /SINGLEMODE - CONT.

10/100/1000 Ethernet - PoE-HP (2-Ports / 60W 1-Port)

** Power Supplies not included with POE / POE+ / POE-HP modules*

		List
MX-48-SX-ST-POE-HP	2 Fiber 10/100/1000 Ethernet, 850nm, 1-Ch / 60W, 220M, MM	1,010.00
MX-48-LX-ST-POE-HP	2 Fiber 10/100/1000 Ethernet, 1300nm, 1-Ch / 60W, 550M, MM	1,220.00
MTX-48-LX-ST-POE-HP	1 Fiber 10/100/1000 Ethernet, 1300/1550nm, 1-Ch / 60W, 550M, MM	1,340.00
MX-48-LX-SL-ST-POE-HP	2 Fiber 10/100/1000 Ethernet, 1300nm, 1-Ch / 60W, 10KM, SM	1,560.00
MTX-48-LX-SL-ST-POE-HP	1 Fiber 10/100/1000 Ethernet, 1300/1550nm, 1-Ch / 60W, 10KM, SM	1,660.00

Power Supplies - POE / POE+ / POE-HP

PS-4830	Universal Input Power Supply, 48V/30W, for "-POE" Models	196.00
PS-4860	Universal Input Power Supply, 48V/60W, for "-POE+" and "-PoE-HP" Models	280.00

* For SC style optical connector, change 'ST' to 'SC' at the end of the part number.

ETHERNET SYSTEMS / PoE / PoE+ / PoE-HP - MULTIMODE /SINGLEMODE

DROP-AND-REPEAT

Note: MX - Modular TCVR

RRX - Rack Card TCVR

** Power Supplies not included with POE / POE+ / POE-HP modules*

10/100 Drop-and-Repeat Ethernet

MX-50-FX-ST	2 Fiber 10/100 D/R Ethernet, 1310nm, 2KM, MM	790.00
MX-50-FX-1F-ST	1 Fiber 10/100 D/R Ethernet, 1310/1550nm, 2KM, MM	940.00
RRX-50-FX-ST	2-Up, 2 Fiber 10/100 D/R Ethernet, 1310/1550nm, 2KM, MM	940.00
MX-50-FX-SL-ST	2 Fiber 10/100 D/R Ethernet, 1310nm, 10KM, SM	1,090.00
MX-50-FX-SL-1F-ST	1 Fiber 10/100 D/R Ethernet, 1310/1550nm, 10KM, SM	1,190.00
RRX-50-FX-SL-ST	2-Up, 2 Fiber 10/100 D/R Ethernet, 1310/1550nm, 10KM, SM	1,390.00

10/100 Drop-and-Repeat Ethernet- PoE 802.3af (2-Ports / 15W per Port)

MX-50-FX-ST-POE	2 Fiber 10/100 D/R Ethernet, 1310nm, 2-Ch / 15W, 802.3af, 2KM, MM	890.00
MX-50-FX-1F-ST-POE	1 Fiber 10/100 D/R Ethernet, 1310/1550nm, 2-Ch / 15W, 802.3af, 2KM, MM	1,030.00
MX-50-FX-SL-ST-POE	2 Fiber 10/100 D/R Ethernet, 1310nm, 2-Ch / 15W, 802.3af, 10KM, SM	1,140.00
MX-50-FX-SL-1F-ST-POE	1 Fiber 10/100 D/R Ethernet, 1310/1550nm, 2-Ch / 15W, 802.3af, 10KM, SM	1,260.00

10/100 Drop-and-Repeat Ethernet- PoE+ 802.3at (2-Ports / 30W per Port)

MX-50-FX-ST-POE+	2 Fiber 10/100 D/R Ethernet, 1310nm, 2-Ch / 30W, 802.3at, 2KM, MM	1,090.00
MX-50-FX-1F-ST-POE+	1 Fiber 10/100 D/R Ethernet, 1310/1550nm, 2-Ch / 30W, 802.3at, 2KM, MM	1,220.00
MX-50-FX-SL-ST-POE+	2 Fiber 10/100 D/R Ethernet, 1310nm, 2-Ch / 30W, 802.3at, 10KM, SM	1,320.00
MX-50-FX-SL-1F-ST-POE+	1 Fiber 10/100 D/R Ethernet, 1310/1550nm, 2-Ch / 30W, 802.3at, 10KM, SM	1,430.00

10/100 Drop-and-Repeat Ethernet - PoE-HP (2-Ports / 60W 1-Port)

MX-50-FX-ST-POE-HP	2 Fiber 10/100 D/R Ethernet, 1310nm, 1-Ch / 60W, 2KM, MM	1,140.00
MX-50-FX-1F-ST-POE-HP	1 Fiber 10/100 D/R Ethernet, 1310/1550nm, 1-Ch / 60W, 2KM, MM	1,280.00
MX-50-FX-SL-ST-POE-HP	2 Fiber 10/100 D/R Ethernet, 1310nm, 1-Ch / 60W, 10KM, SM	1,390.00
MX-50-FX-SL-1F-ST-POE-HP	1 Fiber 10/100 D/R Ethernet, 1310/1550nm, 1-Ch / 60W, 10KM, SM	1,490.00

All Module prices include power supply.

Prices and specifications subject to change without prior notice.

ETHERNET SYSTEMS / PoE / PoE+ / PoE-HP - MULTIMODE /SINGLEMODE

DROP-AND-REPEAT - CONTINUED

10/100/1000 Drop-and-Repeat Ethernet

** Power Supplies not included with POE / POE+ / POE-HP modules*

	<u>List</u>
MX-49-SX-ST	2 Fiber 10/100/1000 D/R Ethernet, PoE, 850nm, 220M, MM 890.00
MX-49-LX-ST	2 Fiber 10/100/1000 D/R Ethernet, 1300nm, 550M, MM 990.00
MX-49-LX-1F-ST	1 Fiber 10/100/1000 D/R Ethernet, 1300/1550nm, 550M, MM 1,140.00
RRX-49-LX-ST	2-Up, 2 Fiber 10/100/1000 D/R Ethernet, 1300/1550nm, 550M, MM 1,140.00
MX-49-LX-SL-ST	2 Fiber 10/100/1000 D/R Ethernet, 1300nm, 10KM, SM 1,290.00
MX-49-LX-SL-1F-ST	1 Fiber 10/100/1000 D/R Ethernet, 1300/1550nm, 10KM, SM 1,490.00
RRX-49-LX-SL-ST	2-Up, 2 Fiber 10/100/1000 D/R Ethernet, 1300/1550nm, 10KM, SM 1,690.00

10/100/1000 Drop-and-Repeat Ethernet - PoE 802.3af (2-Ports / 15W per Port)

MX-49-SX-ST-POE	2 Fiber 10/100/1000 D/R Ethernet, PoE, 850nm, 2-Ch / 15W, 802.3af, 220M, MM 990.00
MX-49-LX-ST-POE	2 Fiber 10/100/1000 D/R Ethernet, 1300nm, 2-Ch / 15W, 802.3af, 550M, MM 1,090.00
MX-49-LX-1F-ST-POE	1 Fiber 10/100/1000 D/R Ethernet, 1300/1550nm, 2-Ch / 15W, 802.3af, 550M, MM 1,190.00
MX-49-LX-SL-ST-POE	2 Fiber 10/100/1000 D/R Ethernet, 1300nm, 2-Ch / 15W, 802.3af, 10KM, SM 1,380.00
MX-49-LX-SL-1F-ST-POE	1 Fiber 10/100/1000 D/R Ethernet, 1300/1550nm, 2-Ch / 15W, 802.3af, 10KM, SM 1,480.00

10/100/1000 Drop-and-Repeat Ethernet - PoE+ 802.3at (2-Ports / 30W per Port)

MX-49-SX-ST-POE+	2 Fiber 10/100/1000 D/R Ethernet, PoE, 850nm, 2-Ch / 30W, 802.3at, 220M, MM 1,080.00
MX-49-LX-ST-POE+	2 Fiber 10/100/1000 D/R Ethernet, 1300nm, 2-Ch / 30W, 802.3at, 550M, MM 1,190.00
MX-49-LX-1F-ST-POE+	1 Fiber 10/100/1000 D/R Ethernet, 1300/1550nm, 2-Ch / 30W, 802.3at, 550M, MM 1,290.00
MX-49-LX-SL-ST-POE+	2 Fiber 10/100/1000 D/R Ethernet, 1300nm, 2-Ch / 30W, 802.3at, 10KM, SM 1,470.00
MX-49-LX-SL-1F-ST-POE+	1 Fiber 10/100/1000 D/R Ethernet, 1300/1550nm, 2-Ch / 30W, 802.3at, 10KM, SM 1,570.00

10/100/1000 Drop-and-Repeat Ethernet - PoE-HP (2-Ports / 60W 1-Port)

MX-49-SX-ST-POE-HP	2 Fiber 10/100/1000 D/R Ethernet, PoE, 850nm, 1-Ch / 60W, 220M, MM 1,140.00
MX-49-LX-ST-POE-HP	2 Fiber 10/100/1000 D/R Ethernet, 1300nm, 1-Ch / 60W, 550M, MM 1,250.00
MX-49-LX-1F-ST-POE-HP	1 Fiber 10/100/1000 D/R Ethernet, 1300/1550nm, 1-Ch / 60W, 550M, MM 1,360.00
MX-49-LX-SL-ST-POE-HP	2 Fiber 10/100/1000 D/R Ethernet, 1300nm, 1-Ch / 60W, 10KM, SM 1,550.00
MX-49-LX-SL-1F-ST-POE-HP	1 Fiber 10/100/1000 D/R Ethernet, 1300/1550nm, 1-Ch / 60W, 10KM, SM 1,650.00

Power Supplies - POE / POE+ / POE-HP

PS-4830	Universal Input Power Supply, 48V/30W, for "-POE" Models 196.00
PS-4860	Universal Input Power Supply, 48V/60W, for "-POE+" and "-PoE-HP" Models 280.00

VIDEO SYSTEMS - MULTIMODE

Analog Video

**Note: MT - Modular TX
RT - Rack Card TX**

**MR - Modular RX
RR - Rack Card RX**

List

MT-1	Mini Module Camera Mount Transmitter, 850nm, 15dB	314.00
MT-10-12VDC, RT-10	Video Transmitter, 850nm, 15dB	350.00
RT-20	2-Channel Video Tx (1 fiber per ch), 850nm, 15dB	550.00
MR-10-12VDC, RR-10	Video Receiver, 850nm, 15dB	550.00
RR-20	2-Channel Video Rx (1 fiber per ch), 850nm, 15dB	870.00

FM Video - Low Profile

**Note: MTM - Modular TX
RTM - Rack Card TX**

**MRM - Modular RX
RRM - Rack Card RX**

MTM-1C	Mini Module Camera Mount Transmitter, 850nm, 12dB	280.00
MTM-100C, MRM-100C	Module Video, 850nm, 12dB	280.00
RTM-100C, RRM-100C	Rack Card Video, 850nm, 12dB	336.00
RTM-30C, RRM-30C	3-Channel Rack Card Video (1 fiber per ch), 850nm, 12dB	790.00

FM Video - Low Profile

**Note: MTM - Modular TX
RTM - Rack Card TX**

**MRM - Modular RX
RRM - Rack Card RX**

MTM-3C	Mini Module Camera Mount Transmitter, 1300nm, 12dB	450.00
MTM-300C, MRM-300C	Module Video, 1300nm, 12dB	450.00
RTM-300C, RRM-300C	Rack Card Video, 1300nm, 12dB	540.00
RTM-33C, RRM-33C	3-Channel Rack Card Video (1 fiber per ch), 1300nm, 12dB	1,160.00

VIDEO KITS - MULTIMODE

FM Video

VKM-1C	Includes: MTM-1C Mini Tx, MRM-100C Rx, and (2) PS-12 Power Supplies, 12dB	560.00
VKM-100	Includes: MTM-100 Tx, MRM-100 Rx, and (2) PS-12 Power Supplies, 12dB	560.00

VIDEO SYSTEMS - SINGLEMODE

FM Video - Low Profile

**Note: MTM - Modular TX
RTM - Rack Card TX**

**MRM - Modular RX
RRM - Rack Card RX**

MTM-300C-S	Module Video Transmitter, 1300nm, 12dB	780.00
RTM-300C-S	Rack Card Video Transmitter, 1300nm, 12dB	890.00
RTM-33C-S	3-Channel Video Transmitter (1 fiber per ch), 1300nm, 12dB	2,080.00
MRM-300C-S	Module Video Receiver, 1300nm, 12dB	496.00
RRM-300C-S	Rack Card Video Receiver, 1300nm, 12dB	596.00
RRM-33C-S	3-Channel Video Receiver (1 fiber per ch), 1300nm, 12dB	1,270.00

All Module prices include power supply.

Prices and specifications subject to change without prior notice.

MULTI-CHANNEL VIDEO SYSTEMS - MULTIMODE

Note: MT - Modular TX

RT - Rack Card TX

MRT - Module/Rack Mount TX

MR - Modular RX

RR - Rack Card RX

MRR - Module/Rack Mount RX

List

MT-220C-12VDC, MR-220C-12VDC, RT-220C, RR-220C	2-Channel FM Video, 1300nm, 12dB	1,060.00
MT-404C-12VDC, MR-404C-12VDC, RT-404C, RR-404C	4-Channel FM Video, 1300nm, 6dB / 2.5KM	1,350.00
MT-440C-12VDC, MR-440C-12VDC, RT-440C, RR-440C	4-Channel FM Video, 1300nm, 12dB	1,600.00
MRT-860C, MRR-860C	6-Channel FM Video, 1300/1550nm, 12dB	3,380.00
MRT-880C, MRR-880C	8-Channel FM Video, 1300/1550nm, 12dB	3,960.00

MULTI-CHANNEL VIDEO SYSTEMS - SINGLEMODE

Note: MT - Modular TX

RT - Rack Card TX

MRT - Module/Rack Mount TX

MR - Modular RX

RR - Rack Card RX

MRR - Module/Rack Mount RX

MT-220C-SL-12VDC, MR-220C-SL-12VDC, RT-220C-SL, RR-220C-SL	2-Channel FM Video, 1300nm, 12dB	1,490.00
MT-440C-SL-12VDC, MR-440C-SL-12VDC, RT-440C-SL, RR-440C-SL	4-Channel FM Video, 1300nm, 12dB	2,200.00
MRT-860C-SL, MRR-860C-SL	6-Channel FM Video, 1300/1550nm, 12dB	3,990.00
MRT-880C-SL, MRR-880C-SL	8-Channel FM Video, 1300/1550nm, 12dB	4,990.00

VIDEO/AUDIO/CONTACT CLOSURE SYSTEMS - MULTIMODE

Note: MT - Modular TX

RT - Rack Card TX

MR - Modular RX

RR - Rack Card RX

MT-108, RT-108, MR-108, RR-108	Video / Single Channel Audio, 850nm, 16dB	640.00
MT-109, RT-109, MR-109, RR-109	Video / Single Channel Contact Closure, 850nm, 16dB	640.00
MT-188, RT-188, MR-188, RR-188	Video / Dual Channel Audio, 850nm, 16dB	720.00
MT-308, RT-308, MR-308, RR-308	Video / Single Channel Audio, 1300nm, 16dB	952.00
MT-309, RT-309, MR-309, RR-309	Video / Single Channel Contact Closure, 1300nm, 16dB	952.00
MT-388, RT-388, MR-388, RR-388	Video / Dual Channel Audio, 1300nm, 16dB	1,048.00

VIDEO/AUDIO/CONTACT CLOSURE SYSTEMS - SINGLEMODE

Note: MT - Modular TX

RT - Rack Card TX

MR - Modular RX

RR - Rack Card RX

MT-308SL, RT-308SL	Video / Single Channel Audio, 1300nm, 21dB	1,420.00
MR-308SL, RR-308SL	Video / Single Channel Audio, 1300nm, 21dB	1,078.00
MT-309SL, RT-309SL	Video / Single Channel Contact Closure, 1300nm, 21dB	1,420.00
MR-309SL, RR-309SL	Video / Single Channel Contact Closure, 1300nm, 21dB	1,078.00
MT-388SL, RT-388SL	Video / Dual Channel Audio, 1300nm, 21dB	1,550.00
MR-388SL, RR-388SL	Video / Dual Channel Audio, 1300nm, 21dB	1,198.00

All Module prices include power supply.

Prices and specifications subject to change without prior notice.

BI-DIRECTIONAL VIDEO / DATA SYSTEMS - MULTIMODE

Note: MT - Modular Video TX/RX, Data TCVR
RT - Rack Card Video TX/RX, Data TCVR

MR - Modular Video RX/TX, Data TCVR
RR - Rack Card Video RX/TX, Data TCVR

List

MT-2400, RT-2400, MR-2400, RR-2400	Bi-Directional Video / RS422 Data, 850/1300nm, 12dB	1,390.00
MT-2800, RT-2800, MR-2800, RR-2800	Bi-Directional Video / Audio, 850/1300nm, 12dB	1,390.00

VIDEO / BI-DIRECTIONAL DATA SYSTEMS - MULTIMODE

Note: MTM - Modular Video TX, Data TCVR
RTM - Rack Card Video TX, Data TCVR

MRM - Modular Video RX, Data TCVR
RRM - Rack Card Video RX, Data TCVR

MTM-61, RTM-61, MRM-61, RRM-61	Video / Sensornet Data, 850/1300nm, 12dB	1,029.00
MTM-61-2F8, RTM-61-2F8, MRM-61-2F8, RRM-61-2F8	Video / Sensornet Data, 2 Fiber, 850nm, 12dB	696.00
MTM-1200B, RTM-1200B, MRM-1200B, RRM-1200B	Video / Return Manchester/Bosch Data, 850/1300nm, 12dB	796.00
MTM-1400, RTM-1400, MRM-1400, RRM-1400	Video / RS422 Data, 850/1300nm, 12dB	796.00
MTM-1460	AD Dome Mt Video / Multi-Protocol Data, 850/1300nm, 12dB	850.00
Note: Use the MRM-61 or RRM-61 if protocol is Sensornet or Manchester data. Use the MRM-1485 or RRM-1485 if protocol is RS422/RS485.		
MTM-1485, RTM-1485, MRM-1485, RRM-1485	Video / RS485 Data, 850/1300nm, 12dB	1,029.00
MTM-1485-2F8, RTM-1485-2F8, MRM-1485-2F8, RRM-1485-2F8	Video / RS485 Data, 2 Fiber, 850nm, 12dB	696.00
MTM-1605, RTM-1605, MRM-1605, RRM-1605	Video / Up-the-Coax Data, Except Panasonic, 850/1300nm, 12dB	796.00
MTM-1605P, RTM-1605P, MRM-1605P, RRM-1605P	Video / Up-the-Coax Data, Panasonic, 850/1300nm, 12dB	796.00
MTM-1615	Pelco Dome Mt Video / Up-The-Coax Data, 850/1300nm, 12dB	796.00
* Note: Compatible with MRM-1605 & RRM-1605 Receivers.		

VIDEO / BI-DIRECTIONAL DATA SYSTEMS* - MULTIMODE

** Legacy Systems*

Note: MT - Modular Video TX, Data TCVR
RT - Rack Card Video TX, Data TCVR

MR - Modular Video RX, Data TCVR
RR - Rack Card Video RX, Data TCVR

MT-1200B, RT-1200B, MR-1200B, RR-1200B	Discontinued, use MTM/RTM/MRM/RRM-1200B - Above	
MT-1300, RT-1300, MR-1300, RR-1300	Discontinued, use MT/RT/MR/RR-915C - Page 12	
MT-1400, RT-1400, MR-1400, RR-1400	Discontinued, use MTM/RTM/MRM/RRM-1400 - Above	
MT-1600, RT-1600, MR-1600, RR-1600	Discontinued, use MTM/RTM/MRM/RRM-1605 - Above	

VIDEO / BI-DIRECTIONAL DATA SYSTEMS - MULTIMODE, LONG RANGE

Note: MT - Modular Video TX, Data TCVR
RT - Rack Card Video TX, Data TCVR

MR - Modular Video RX, Data TCVR
RR - Rack Card Video RX, Data TCVR

MT-1400E, RT-1400E, MR-1400E, RR-1400E	Video / RS422 Data, 1300/1550nm, 21dB	1,390.00
MT-1600E, RT-1600E, MR-1600E, RR-1600E	Video / Up-the-Coax Data, 1300/1550nm, 21dB	1,390.00
MT-1485-2E, RT-1485-2E, MR-1485-2E, RR-1485-2E	Video / RS485 Data, 2-Wire, 1300/1550nm, 21dB (2 Slot Rack Card)	1,490.00
MT-1485-4E, RT-1485-4E, MR-1485-4E, RR-1485-4E	Video / RS485 Data, 4-Wire, 1300/1550nm, 21dB (2 Slot Rack Card)	1,490.00

VIDEO / BI-DIRECTIONAL DATA SYSTEMS - SINGLEMODE

Note: MTM - Modular Video TX, Data TCVR
RTM - Rack Card Video TX, Data TCVR

MRM - Modular Video RX, Data TCVR
RRM - Rack Card Video RX, Data TCVR

List

MTM-3200B-C, RTM-3200B-C, MRM-3200B-C, RRM-3200B-C	Video / Return Manchester/Bosch Data, 1300/1550nm, 10dB	1,390.00
MTM-3400C, RTM-3400C, MRM-3400C, RRM-3400C	Video / RS422 Data, 1300/1550nm, 10dB	1,390.00
MTM-3485-2-12VDC, MRM-3485-2-12VDC, RTM-3485-2, RRM-3485-2	Video / RS485 Data, 2-Wire, 1300/1550nm, 10dB	1,490.00
MTM-3485-4-12VDC, MRM-3485-4-12VDC, RTM-3485-4, RRM-3485-4	Video / RS485 Data, 4-Wire, 1300/1550nm, 10dB	1,490.00
MTM-3600C, RTM-3600C, MRM-3600C, RRM-3600C	Video / Up-the-Coax Data, Except Panasonic, 1300/1550nm, 10dB	1,390.00
MTM-3600P-C, RTM-3600P-C, MRM-3600P-C, RRM-3600P-C	Video / Up-The-Coax Data, Panasonic, 1300/1550nm, 10dB	1,390.00

* Note: Panasonic Protocol has a ONE MILE distance limitation.

VIDEO / BI-DIRECTIONAL DATA SYSTEMS - SINGLEMODE, LONG RANGE

Note: MT - Modular Video TX, Data TCVR
RT - Rack Card Video TX, Data TCVR

MR - Modular Video RX, Data TCVR
RR - Rack Card Video RX, Data TCVR

MT-3200B-C, RT-3200B-C, MR-3200B-C, RR-3200B-C	Video / Return Manchester/Bosch Data, 1300/1550nm, 21dB	1,890.00
MT-3300C, RT-3300C, MR-3300C, RR-3300C	Video / RS232 Data, 1300/1550nm, 21dB	1,890.00
MT-3400C, RT-3400C, MR-3400C, RR-3400C	Video / RS422 Data, 1300/1550nm, 21dB	1,890.00
MT-3490C, RT-3490C, MR-3490C, RR-3490C	Video / RS422 Data / Contact Closure, 1300/1550nm, 21dB	2,190.00
MT-3485-2-12VDC, MR-3485-2-12VDC, RT-3485-2, RR-3485-2	Video / RS485 Data, 2-Wire, 1300/1550nm, 21dB	2,190.00
MT-3485-4-12VDC, MR-3485-4-12VDC, RT-3485-4, RR-3485-4	Video / RS485 Data, 4-Wire, 1300/1550nm, 21dB	2,190.00
MT-3600C, RT-3600C, MR-3600C, RR-3600C	Video / Up-the-Coax Data, Except Panasonic, 1300/1550nm, 21dB	1,890.00
MT-3600P-C, RT-3600P-C, MR-3600P-C, RR-3600P-C	Video / Up-the-Coax Data, Except Panasonic, 1300/1550nm, 21dB	1,890.00

* Note: Panasonic Protocol has a ONE MILE distance limitation.

MULTI-CHANNEL VIDEO / DATA SYSTEMS - MULTIMODE

Note: MTX - Module/Rack Mount Video TX, Data TCVR
MRX - Module/Rack Mount Video RX, Data TCVR

MTX-8406C, MRX-8406C	4-Ch Video / 'Up-The-Coax' Control	3,960.00
MTX-8406C-P, MRX-8406C-P	4-Ch Video / Panasonic 'Up-The-Coax' Control	3,960.00
MTX-8410C, MRX-8410C	4-Ch Video / Sensornet Data, 850/1300nm, 20dB	3,090.00
MTX-8485C, MRX-8485C	4-Ch Video / RS422/RS232 or RS485 Data, 850/1300nm, 20dB	3,090.00
MTX-8489C, MRX-8489C	4-Ch Video / RS422 / Contact Closure, 850/1300nm, 20dB	3,090.00
MTX-8810C, MRX-8810C	8-Ch Video / Sensornet Data, 850/1300/1550nm, 20dB	5,200.00
MTX-8885C, MRX-8885C	8-Ch Video / RS422/RS232 or RS485 Data, 850/1300/1550nm, 20dB	5,200.00
MTX-8889C, MRX-8889C	8-Ch Video / RS422 / Contact Closure, 850/1300/1550nm, 20dB	5,200.00

MULTI-CHANNEL VIDEO / DATA SYSTEMS - SINGLEMODE

Note: MTX - Module/Rack Mount Video TX, Data TCVR
MRX - Module/Rack Mount Video RX, Data TCVR

MTX-8406C-SL, MRX-8406C-SL	4-Ch Video / 'Up-The-Coax' Control	4,860.00
MTX-8406C-P-SL, MRX-8406C-P-SL	4-Ch Video / Panasonic 'Up-The-Coax' Control	4,860.00
MTX-8410C-SL, MRX-8410C-SL	4-Ch Video / Sensornet Data, 1300/1550nm, 12dB	3,990.00
MTX-8485C-SL, MRX-8485C-SL	4-Ch Video / RS422/RS232 or RS485 Data, 1300/1550nm, 12dB	3,990.00
MTX-8489C-SL, MRX-8489C-SL	4-Ch Video / RS422 / Contact Closure, 1300/1550nm, 12dB	3,990.00
MTX-8810C-SL, MRX-8810C-SL	8-Ch Video / Sensornet Data, 1300/1550nm, 12dB	6,200.00
MTX-8885C-SL, MRX-8885C-SL	8-Ch Video / RS422/RS232 or RS485 Data, 1300/1550nm, 12dB	6,200.00
MTX-8889C-SL, MRX-8889C-SL	8-Ch Video / RS422 / Contact Closure, 1300/1550nm, 12dB	6,200.00

ONE WAY AUDIO SYSTEMS - MULTIMODE / SINGLEMODE

Note: MT - Modular TX
RT - Rack Card TX

MR - Modular RX
RR - Rack Card RX

MT-05B, RT-05B, MR-05B, RR-05B	Audio Link, Multimode, 850nm, 16dB	420.00
MT-05B-13, RT-05B-13, MR-05B-13, RR-05B-13	Audio Link, Multimode, 1300nm, 13dB	520.00
MT-05B-S, RT-05B-S, MR-05B-S, RR-05B-S	Audio Link, Singlemode, 1300nm, 13dB	720.00

All Module prices include power supply.

Prices and specifications subject to change without prior notice.

BI-DIRECTIONAL AUDIO / CONTACT CLOSURE SYSTEMS - MULTIMODE

Note: MT - Modular TX/RX RT - Rack Card TX/RX	MR - Modular RX/TX RR - Rack Card RX/TX	List
MT-0880, RT-0880, MR-0880, RR-0880	2-Channel 4-Wire Audio, 850/1300nm, 12dB	1,440.00
MT-0890, RT-0890, MR-0890, RR-0890	4-Wire Audio with Contact Closure, 850/1300nm, 12dB	1,440.00

BI-DIRECTIONAL ANALOG PHONE SYSTEMS - MULTIMODE

Bi-Directional Transceivers - Telephone Line Extender

Note: MT - Modular TX/RX, Handset RT - Rack Card TX/RX, Handset	MR - Modular RX/TX, Phone Line RR - Rack Card RX/TX, Phone Line	
MT-86C, MR-86C, RR-86C	Phone Line Interface, 850/1300nm, 12dB	1,150.00
MT-86C-2F8, MR-86C-2F8, RR-86C-2F8	2 Fiber Phone Line Interface, 850nm, 12dB	780.00
MT-86C-2F13, MR-86C-2F13, RR-86C-2F13	2 Fiber Phone Line Interface, 1300nm, 12dB	1,090.00

Bi-Directional Transceivers - Ring Down Phone Extender

Note: MX - Modular TCVR, Handset	RX - Rack Card TCVR, Handset	
MX-86A, RX-86A, MX-86B, RX-86B	One 'A' unit and one 'B' unit complete a link, 850/1300nm, 12dB	1,150.00

BI-DIRECTIONAL ANALOG PHONE SYSTEMS - SINGLEMODE

Bi-Directional Transceivers - Telephone Line Extender

Note: MT - Modular TX/RX, Handset RT - Rack Card TX/RX, Handset	MR - Modular RX/TX, Phone Line RR - Rack Card RX/TX, Phone Line	
MT-86C-SL, MR-86C-SL, RR-86C-SL	Phone Line Interface, 850/1300nm, 12dB	1,890.00

BI-DIRECTIONAL INTERCOM SYSTEMS - MULTIMODE

Bi-Directional Transceivers - Audio and Contact Closure

Note: MT - Modular TX/RX, Station RT - Rack Card TX/RX, Station	MR - Modular RX/TX, Master RR - Rack Card RX/TX, Master	
MT-89A-L, RT-89A-L, MR-89A-L, RR-89A-L	Supports AiPhone LEF Intercom System, 850/1300nm, 12dB	1,029.00
MT-89A-N, RT-89A-N, MR-89A-N, RR-89A-N	Supports AiPhone NEM Intercom System, 850/1300nm, 12dB	1,029.00
MT-89CA-AX, RT-89CA-AX, MR-89CA-AX, RR-89CA-AX	Supports AiPhone AX Video/Intercom System, 850/1300nm, 12dB	1,490.00
MT-89D, RT-89D, MR-89D, RR-89D	Supports Dukane StarCall Intercom System, 850/1300nm, 12dB	1,029.00
MT-89P, RT-89P, MR-89P, RR-89P	Supports Stento 9600 Intercom System, 850/1300nm, 12dB	1,029.00
MT-89TX, RT-89TX, MR-89TX, RR-89TX	Supports TOA Intercom System, 850/1300nm, 12dB	1,029.00
MT-89C-GE, RT-89C-GE, MR-89C-GE, RR-89C-GE	Supports Commend GE Series Intercom System, 850/1300nm, 12dB	1,029.00

BI-DIRECTIONAL VIDEO / INTERCOM SYSTEMS - SINGLEMODE

Bi-Directional Transceivers - Video, Audio, and (2) Contact Closure

Note: MT - Modular TX/RX, Station RT - Rack Card TX/RX, Station	MR - Modular RX/TX, Master RR - Rack Card RX/TX, Master	
MT-89CA-AX-SL, RT-89CA-AX-SL, MR-89CA-AX-SL, RR-89CA-AX-SL	Supports AiPhone AX Video/Intercom System, 1300/1550nm, 21dB	2,390.00
MT-89C-GE-SL, RT-89C-GE-SL, MR-89C-GE-SL, RR-89C-GE-SL	Supports Commend GE Series Intercom System, 1300/1550nm, 21dB	1,390.00

AFI's easy-link™ series provides excellent cost-effective performance at an affordable cost.

8-BIT DIGITAL VIDEO, VIDEO/DATA SYSTEMS - MULTIMODE / SINGLEMODE

**Note: MT - Modular Video TX, Data TCVR
RT - Rack Card Video TX, Data TCVR**

**MR - Modular Video RX, Data TCVR
RR - Rack Card Video RX, Data TCVR**

Video / Data - Multimode

MT-713C, RT-713C, MR-713C, RR-713C	8-Bit Digital Video / 3-Ch Multi-Protocol Data, 12dB, 4KM	1,280.00
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Video / Data - Singlemode

MT-713C-SL, RT-713C-SL, MR-713C-SL, RR-713C-SL	8-Bit Digital Video / 3-Ch Multi-Protocol Data, 1300/1550nm, 21dB	1,980.00
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Multi-Channel Video - Multimode

MT-780C, RT-780C, MR-780C, RR-780C	4-Channel 8-Bit Digital Video, 2KM, 1300nm, 12dB	2,150.00
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Multi-Channel Video - Singlemode

MT-740C-SL, RT-740C-SL, MR-740C-SL, RR-740C-SL	4-Channel 8-Bit Digital Video, 1300nm, 21dB	2,090.00
MT-780C-SL, RT-780C-SL, MR-780C-SL, RR-780C-SL	8-Channel 8-Bit Digital Video, 1300nm, 15dB	2,790.00

Multi-Channel Video/Data - Multimode

MT-746C, RT-746C, MR-746C, RR-746C	4-Channel 8-Bit Digital Video/ Multi-Protocol Data & CC, 12dB, 2KM	1,660.00
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Multi-Channel Video/Data - Singlemode

MT-746C-SL, RT-746C-SL, MR-746C-SL, RR-746C-SL	4-Channel 8-Bit Digital Video/ Multi-Protocol Data & CC, 1300/1550nm, 21dB	2,160.00
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ETHERNET SYSTEMS - MULTIMODE / SINGLEMODE

Miniature Ethernet Copper / Fiber Media Converter -

Includes (1) RJ45 copper port & (1) 1300nm fiber port in a modular footprint

MX1M-FX-ST, MX1M-FX-SC	10/100 Mb/s, Multimode, 2 Fiber, 2KM Max Distance	350.00
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10/100 Ethernet

All units include (2) RJ45 copper ports & (1) 1300nm fiber port. For ST connectors, change to 'ST' in part number.

Note: MX=Modular Transceiver

MXR=Rack Card Transceiver

MX2-MM-FX-SC, MXR2-MM-FX-SC	10/100 Mb/s, Multimode, 2 Fiber, 2KM Max Distance	270.00
MX2-SM-FX-SC, MXR2-SM-FX-SC	10/100 Mb/s, Singlemode, 2 Fiber, 20KM Max Distance	470.00

10/100/1000 Ethernet

MX2-MM-LX-SC, MXR2-MM-LX-SC	10/100/1000 Mb/s, Multimode, 2 Fiber, 500M Max Distance	570.00
MX2-SM-LX-SC, MXR2-SM-LX-SC	10/100/1000 Mb/s, Singlemode, 2 Fiber, 20KM Max Distance	930.00

4-Port Ethernet Copper Unmanaged Network Switches

MX4-100TX, MXR4-100TX	10/100 Mb/s	190.00
MX4-1000TX, MXR4-1000TX	10/100/1000 Mb/s	250.00

Rack Accessories For Ethernet Copper / Fiber and Copper Network Switches

MXRC-1	Standard EIA 19" Rack Frame for MXR units, includes MXRCPS-1 Power Supply	960.00
MXRCPS-1	Power Supply for use with MXRC-1 Subrack	360.00
MRC	Module to Rack Card Conversion Kit	25.00

DATA SYSTEMS - MULTIMODE

2 Fiber Bi-Directional Transceivers

Note: MX - Modular TCVR	RX - Rack Card TCVR	<u>List</u>
MX-03, RX-03	RS232 Transceiver, 850nm, 18dB	400.00
MX-04, RX-04	RS422 Transceiver, 850nm, 18dB	400.00
MX-480, RX-480	RS485/422/232/Manchester/Bosch Transceiver, 1300nm, 18dB	640.00
MX-482, RX-482	2-Ch RS485/422/232/Manchester/Bosch Transceiver, 1300nm, 18dB	895.00
AFINETY Diagnostics available on this series (use MX-482D and RX-482D) - see page 21		1,095.00
MX-481T-SC, MX-481T-ST	Drop and Repeat RS485 Transceiver, 1300nm, 18dB	1,090.00
MX-483T-SC, MX-483T-ST	Drop and Repeat RS232 Transceiver, 1300nm, 18dB	1,090.00
MX-484, RX-484	RS485/422 Transceiver, 2 Mb/s, 850/1300nm, 12dB	790.00

1 Fiber Bi-Directional Transceivers

Note: MX - Modular TCVR MTX - Modular Data TX/RX RTX - Rack Card Data TX/RX	RX - Rack Card TCVR MRX - Modular Data RX/TX RRX - Rack Card Data RX/TX	
MTX-480, RTX-480, MRX-480, RRX-480	RS485/422/232/Manchester/Bosch Tcvr, 1300/1550nm, 18dB	980.00
MTX-482, RTX-482, MRX-482, RRX-482	2-Ch RS485/422/232/Manchester/Bosch Tcvr, 1300/1550nm, 18dB	1,350.00
AFINETY Diagnostics available on this series (use MTX-482D, RTX-482D, MRX-482D, and RRX-482D) - See page 21		1,550.00
MX-481T-1F-SC, MX-481T-1F-ST	Drop and Repeat RS485 Transceiver, 1300/1550nm, 18dB	1,290.00
MX-483T-1F-SC, MX-483T-1F-ST	Drop and Repeat RS232 Transceiver, 1300/1550nm, 18dB	1,290.00
MTX-484, RTX-484, MRX-484, RRX-484	RS485/422 Transceiver, 2 Mb/s, 1300/1550nm, 18dB	990.00
MTX-486, RTX-486, MRX-486, RRX-486	2-Ch Panasonic PS Data Transceiver, 1300/1550nm, 18dB	1,040.00
MTX-487, RTX-487, MRX-487, RRX-487	2-Ch RS485/422 Transceiver, 1300/1550nm, 18dB	1,150.00

USB 2.0 Data Transceivers

Note: MTX - Modular Data TX/RX RTX - Rack Card Data TX/RX	MRX - Modular Data RX/TX RRX - Rack Card Data RX/TX	
MTX-USB2.0, RTX-USB2.0, MRX-USB2.0, RRX-USB2.0	USB 2.0 Data Fiber Extender	1,400.00

DATA SYSTEMS - SINGLEMODE

1 Fiber Bi-Directional Transceivers

Note: MX - Modular TCVR MTX - Modular Data TX/RX RTX - Rack Card Data TX/RX	RX - Rack Card TCVR MRX - Modular Data RX/TX RRX - Rack Card Data RX/TX	
MTX-480SL, RTX-480SL, MRX-480SL, RRX-480SL	RS485/422/232/Manchester/Bosch Transceiver, 1300/1550nm, 18dB	1,390.00
MTX-482SL, RTX-482SL, MRX-482SL, RRX-482SL	2-Ch RS485/422/232/Manchester/Bosch Tcvr, 1300/1550nm, 18dB	1,595.00
AFINETY Diagnostics available (use MTX-482D-SL, RTX-482D-SL, MRX-482D-SL, and RRX-482D-SL) - See page 21		1,795.00
MX-481T-1F-SL-SC, MX-481T-1F-SL-ST	Drop and Repeat RS485 Transceiver, 1300/1550nm, 18dB	1,490.00
MX-483T-1F-SL-SC, MX-483T-1F-SL-ST	Drop and Repeat RS232 Transceiver, 1300/1550nm, 18dB	1,490.00
MTX-484SL, RTX-484SL, MRX-484SL, RRX-484SL	RS485/422 Transceiver, 2 Mb/s, 1300/1550nm, 18dB	1,190.00
MTX-486SL, RTX-486SL, MRX-486SL, RRX-486SL	2-Ch Panasonic PS Data Transceiver, 1300/1550nm, 18dB	1,390.00
MTX-487SL, RTX-487SL, MRX-487SL, RRX-487SL	2-Ch RS485/422 Transceiver, 1300/1550nm, 18dB	1,560.00

ONE WAY CONTACT CLOSURE SYSTEMS - MULTIMODE

Note: MT - Modular Contact Closure TX
RT - Rack Card Contact Closure TX

MR - Modular Contact Closure RX
RR - Rack Card Contact Closure RX

		<u>List</u>
MT-81, RT-81, MR-81, RR-81	8-Channels, Power Fail Safe, NO/NC Outputs, 1300nm, 12dB	895.00
AFINETY Diagnostics available on rack card versions (use RT-81D and RR-81D) - See page 21		
MT-82, RT-82, MR-82, RR-82	16-Channels, Power Fail Safe, NO/NC Outputs, 1300nm, 12dB	1,580.00
AFINETY Diagnostics available on rack card versions (use RT-82D and RR-82D) - See page 21		

ONE WAY CONTACT CLOSURE SYSTEMS - SINGLEMODE

Note: MT - Modular Contact Closure TX
RT - Rack Card Contact Closure TX

MR - Modular Contact Closure RX
RR - Rack Card Contact Closure RX

MT-81SL, RT-81SL, MR-81SL, RR-81SL	8-Channels, Power Fail Safe, NO/NC Outputs, 1300nm, 21dB	1,090.00
AFINETY Diagnostics available on rack card versions (use RT-81D-SL and RR-81D-SL) - See page 21		
MT-82SL, RT-82SL, MR-82SL, RR-82SL	16-Channels, Power Fail Safe, NO/NC Outputs, 1300nm, 21dB	1,780.00
AFINETY Diagnostics available on rack card versions (use RT-82D-SL and RR-82D-SL) - See page 21		

SUPERVISED CONTACT CLOSURE SYSTEMS - MULTIMODE

Note: MT - Modular Contact Closure TX
RT - Rack Card Contact Closure TX

MR - Modular Contact Closure RX
RR - Rack Card Contact Closure RX

MT-88, RT-88, MR-88, RR-88	8-Channels, Supervised, Power Fail Safe, 1310nm, 12dB	980.00
AFINETY Diagnostics available (use MT-88D, RT-88D, MR-88D, and RR-88D) - See page 21		

BI-DIRECTIONAL CONTACT CLOSURE SYSTEMS - MULTIMODE

Note: MTX - Modular Contact Closure TX/RX
RTX - Rack Card Contact Closure TX/RX

MRX - Modular Contact Closure RX/TX
RRX - Rack Card Contact Closure RX/TX

MTX-81B, RTX-81B, MRX-81B, RRX-81B	4-Channels, Power Fail Safe, NO/NC Outputs, 1300nm, 12dB	1,195.00
AFINETY Diagnostics available (use MTX-81B-D, RTX-81B-D, MRX-81B-D, and RRX-81B-D) - See page 21		

BI-DIRECTIONAL CONTACT CLOSURE SYSTEMS - SINGLEMODE

Note: MTX - Modular Contact Closure TX/RX
RTX - Rack Card Contact Closure TX/RX

MRX=Modular Contact Closure Rx/Tx
RRX=Rack Card Contact Closure Rx/Tx

MTX-81B-SL, RTX-81B-SL, MRX-81B-SL, RRX-81B-SL	4-Channels, Power Fail Safe, NO/NC Outputs, 1300nm, 21dB	1,395.00
AFINETY Diagnostics available (use MTX-81B-D-SL, RTX-81B-D-SL, MRX-81B-D-SL, RRX-81B-D-SL) - See page 21		

10-BIT DIGITAL VIDEO SYSTEMS - MULTIMODE

Note: MT - Modular TX

RT - Rack Card TX

MRT - Module/Rack Mount TX

MR - Modular RX

RR - Rack Card RX

MRR - Module/Rack Mount RX

List

MTM-910, RTM-910, MRM-910, RRM-910	1 Channel 10-Bit Digital Video, 4KM, 1300nm, 12dB	590.00
AFINETY Diagnostics available on rack card versions (use RTM-910D and RRM-910D) - See page 21		790.00
RTM-920, RRM-920	2 Channel 10-Bit Digital Video (1 fiber per ch), 4KM, 1300nm, 12dB	890.00
AFINETY Diagnostics available on rack card versions (use RTM-920D and RRM-920D) - See page 21		1,090.00
MT-920C, RT-920C, MR-920C, RR-920C	2-Channel 10-Bit Digital Video, 2KM, 1300nm, 12dB	1,350.00
AFINETY Diagnostics available on rack card versions (use RT-920C-D and RR-920C-D) - See page 21		1,550.00
MT-940C, RT-940C, MR-940C, RR-940C	4-Channel 10-Bit Digital Video, 2KM, 1300nm, 12dB	2,090.00
AFINETY Diagnostics available on rack card versions (use RT-940C-D and RR-940C-D) - See page 21		2,290.00
MT-980C, RT-980C, MR-980C, RR-980C	8-Channel 10-Bit Digital Video, 1KM, 1300nm, 12dB	2,990.00
AFINETY Diagnostics available on rack card versions (use RT-980C-D and RR-980C-D) - See page 21		3,190.00
MRT-980C, MRR-980C	8-Channel 10-Bit Digital Video, 1KM, 1300nm, 12dB	3,800.00
MRT-91600C, MRR-91600C	16-Channel 10-Bit Digital Video, 2KM, 1300/1550nm, 10dB	9,700.00
MRT-93200C, MRR-93200C	32-Channel 10-Bit Digital Video, 1KM, 1300/1550nm, 10dB	21,700.00

UTP input/output copper connections are available for the 980 Series products. Please consult factory.

10-BIT DIGITAL VIDEO SYSTEMS - SINGLEMODE

Note: MT - Modular TX

RT - Rack Card TX

MRT - Module/Rack Mount TX

MR - Modular RX

RR - Rack Card RX

MRR - Module/Rack Mount RX

MTM-910SL, RTM-910SL, MRM-910SL, RRM-910SL	1 Channel 10-Bit Digital Video, 1300nm, 21dB	740.00
AFINETY Diagnostics available on rack card versions (use RTM-910C-D-SL and RRM-910C-D-SL) - See page 21		940.00
RTM-920SL, RRM-920SL	2 Channel 10-Bit Digital Video (1 fiber per ch), 1300nm, 21dB	1,090.00
AFINETY Diagnostics available on rack card versions (use RTM-920C-D-SL and RRM-910C-D-SL) - See page 21		1,290.00
MT-920C-SL, RT-920C-SL, MR-920C-SL, RR-920C-SL	2-Channel 10-Bit Digital Video, 1300nm, 21dB	1,695.00
AFINETY Diagnostics available on rack card versions (use RT-920C-D-SL and RR-920C-D-SL) - See page 21		1,895.00
MT-940C-SL, RT-940C-SL, MR-940C-SL, RR-940C-SL	4-Channel 10-Bit Digital Video, 1300nm, 21dB	2,590.00
AFINETY Diagnostics available on rack card versions (use RT-940C-D-SL and RR-940C-D-SL) - See page 21		2,790.00
MT-980C-SL, RT-980C-SL, MR-980C-SL, RR-980C-SL	8-Channel 10-Bit Digital Video, 1300nm, 15dB	3,890.00
AFINETY Diagnostics available on rack card versions (use RT-980C-D-SL and RR-980C-D-SL) - See page 21		4,090.00
MRT-980C-SL, MRR-980C-SL	8-Channel 10-Bit Digital Video, 1300nm, 15dB	5,700.00
MRT-91600C-SL, MRR-91600C-SL	16-Channel 10-Bit Digital Video, CWDM, 21dB	10,900.00
RT-92400C-SL, RR-92400C-SL	24-Channel 10-Bit Digital Video, CWDM, 21dB	17,900.00
RT-93200C-SL, RR-93200C-SL	32-Channel 10-Bit Digital Video, CWDM, 21dB	23,400.00
RT-94000C-SL, RR-94000C-SL	40-Channel 10-Bit Digital Video, CWDM, 21dB	27,900.00
RT-94800C-SL, RR-94800C-SL	48-Channel 10-Bit Digital Video, CWDM, 21dB	31,400.00
RT-95600C-SL, RR-95600C-SL	56-Channel 10-Bit Digital Video, CWDM, 21dB	34,100.00
RT-96400C-SL, RR-96400C-SL	64-Channel 10-Bit Digital Video, CWDM, 21dB	37,800.00

UTP input/output copper connections are available for the 980SL Series products. Please consult factory.

All Module prices include power supply.

Prices and specifications subject to change without prior notice.

10-BIT DIGITAL VIDEO/DATA SYSTEMS - MULTIMODE

Note: MT - Modular Video TX, Data TCVR RT - Rack Card Video TX, Data TCVR	MR - Modular Video RX, Data TCVR RR - Rack Card Video RX, Data TCVR	<u>List</u>
MT-911C, RT-911C, MR-911C, RR-911C	10-Bit Digital Video / Sensornet Data, 12dB, 4KM	1,980.00
AFINETY Diagnostics available on this series (use MT-911C-D, RT-911C-D, MR-911C-D, and RR-911C-D) - See page 21		2,180.00
MT-913C, RT-913C, MR-913C, RR-913C	10-Bit Digital Video / 3-Ch Multi-Protocol Data, 12dB, 4KM	2,200.00
AFINETY Diagnostics available on this series (use MT-913C-D, RT-913C-D, MR-913C-D, and RR-913C-D) - See page 21		2,400.00
MT-915C, RT-915C, MR-915C, RR-915C	10-Bit Digital Video / Multi-Protocol Data & CC, 12dB, 4KM	1,980.00
AFINETY Diagnostics available on this series (use MT-915C-D, RT-915C-D, MR-915C-D, and RR-915C-D) - See page 21		2,180.00

10-BIT DIGITAL VIDEO/DATA SYSTEMS - SINGLEMODE

Note: MT - Modular Video TX, Data TCVR RT - Rack Card Video TX, Data TCVR	MR - Modular Video RX, Data TCVR RR - Rack Card Video RX, Data TCVR	
MT-911C-SL, RT-911C-SL, MR-911C-SL, RR-911C-SL	10-Bit Digital Video / Sensornet Data, 1300/1550nm, 21dB	2,540.00
AFINETY Diagnostics available (use MT-911C-D-SL, RT-911C-D-SL, MR-911C-D-SL, and RR-911C-D-SL) - See page 21		2,740.00
MT-913C-SL, RT-913C-SL, MR-913C-SL, RR-913C-SL	10-Bit Digital Video / 3-Ch Multi-Protocol Data, 1300/1550nm, 21dB	2,990.00
AFINETY Diagnostics available (use MT-913C-D-SL, RT-913C-D-SL, MR-913C-D-SL, and RR-913C-D-SL) - See page 21		3,190.00
MT-915C-SL, RT-915C-SL, MR-915C-SL, RR-915C-SL	10-Bit Digital Video / Multi-Protocol Data & CC, 1300/1550nm, 21dB	2,540.00
AFINETY Diagnostics available (use MT-915C-D-SL, RT-915C-D-SL, MR-915C-D-SL, and RR-915C-D-SL) - See page 21		2,740.00

10-BIT DIGITAL VIDEO/ETHERNET SYSTEMS - MULTIMODE

Note: MT - Modular Video TX, Data TCVR RT - Rack Card Video TX, Data TCVR	MR - Modular Video RX, Data TCVR RR - Rack Card Video RX, Data TCVR	
MT-91PE, RT-91PE, MR-91PE, RR-91PE	10-Bit Digital Video / (2) 10/100Base-TX Ethernet Ports, 2KM	1,590.00
AFINETY Diagnostics available (use MT-91PE-D, RT-91PE-D, MR-91PE-D, and RR-91PE-D) - See page 21		1,790.00

10-BIT DIGITAL VIDEO/ETHERNET SYSTEMS - SINGLEMODE

Note: MT - Modular Video TX, Data TCVR RT - Rack Card Video TX, Data TCVR	MR - Modular Video RX, Data TCVR RR - Rack Card Video RX, Data TCVR	
MT-91PE-SL, RT-91PE-SL, MR-91PE-SL, RR-91PE-SL	10-Bit Digital Video / (2) 10/100Base-TX Ethernet Ports, 2KM	1,890.00
AFINETY Diagnostics available (use MT-91PE-D-SL, RT-91PE-D-SL, MR-91PE-D-SL, and RR-91PE-D-SL) - See page 21		2,190.00

MULTI-CHANNEL 10-BIT DIGITAL VIDEO/DATA SYSTEMS - MULTIMODE

Note: MT - Modular Video TX, Data TCVR

RT - Rack Card Video TX, Data TCVR

MTX - Module/Rack Mount Video TX, Data TCVR

MRX - Module/Rack Mount Video RX, Data TCVR

MR - Modular Video RX, Data TCVR

RR - Rack Card Video RX, Data TCVR

		<u>List</u>
MT-925C, RT-925C, MR-925C, RR-925C	2-Ch 10-Bit Digital Video / 2-Ch Multi-Protocol Data, 12dB, 2KM	2,450.00
AFINETY Diagnostics available on rack card versions (use RT-925C-D and RR-925C-D) - See page 21		2,650.00
MT-926C, RT-926C, MR-926C, RR-926C	2-Ch 10-Bit Digital Video/ Multi-Protocol Data & CC, 12dB, 2KM	2,450.00
AFINETY Diagnostics available on rack card versions (use RT-926C-D and RR-926C-D) - See page 21		2,650.00
MT-944C, RT-944C, MR-944C, RR-944C	4-Ch 10-Bit Digital Video / 1-Ch Multi-Protocol Data, 12dB, 2KM	2,990.00
AFINETY Diagnostics available on rack card versions (use RT-944C-D and RR-944C-D) - See page 21		3,190.00
MT-945C, RT-945C, MR-945C, RR-945C	4-Ch 10-Bit Digital Video / 2-Ch Multi-Protocol Data, 12dB, 2KM	3,290.00
AFINETY Diagnostics available on rack card versions (use RT-945C-D and RR-945C-D) - See page 21		3,490.00
MT-946C, RT-946C, MR-946C, RR-946C	4-Ch 10-Bit Digital Video/ Multi-Protocol Data & CC, 12dB, 2KM	3,290.00
AFINETY Diagnostics available on rack card versions (use RT-946C-D and RR-946C-D) - See page 21		3,490.00
MT-985C, MR-985C	8-Ch 10-Bit Digital Video / 2-Ch Multi-Protocol Data, 12dB, 1KM	4,100.00
MTX-985C,MRX-985C	8-Ch 10-Bit Digital Video / 2-Ch Multi-Protocol Data, 12dB, 1KM	5,100.00
MT-986C, MR-986C	8-Ch 10-Bit Digital Video/ Multi-Protocol Data & CC, 12dB, 1KM	4,100.00
MTX-986C,MRX-986C	8-Ch 10-Bit Digital Video/ Multi-Protocol Data & CC, 12dB, 1KM	5,100.00
MTX-91685C,MRX-91685C	16-Ch 10-Bit Digital Video / 2-Ch Multi-Protocol Data, 10dB	14,700.00

* UTP input/output copper connections are available for the 985 and 986 Series products. Please consult factory.

MULTI-CHANNEL 10-BIT DIGITAL VIDEO/DATA SYSTEMS - SINGLEMODE

Note: MT - Modular Video TX, Data TCVR

RT - Rack Card Video TX, Data TCVR

MTX - Module/Rack Mount Video TX, Data TCVR

MRX - Module/Rack Mount Video RX, Data TCVR

MR - Modular Video RX, Data TCVR

RR - Rack Card Video RX, Data TCVR

MT-925C-SL, RT-925C-SL, MR-925C-SL, RR-925C-SL	2-Ch 10-Bit Digital Video / 2-Ch Multi-Protocol Data, 1300/1550nm, 21dB	2,850.00
AFINETY Diagnostics available on rack card versions (use RT-925C-D-SL and RR-925C-D-SL) - See page 21		3,050.00
MT-926C-SL, RT-926C-SL, MR-926C-SL, RR-926C-SL	2-Ch 10-Bit Digital Video/ Multi-Protocol Data & CC, 1300/1550nm, 21dB	2,850.00
AFINETY Diagnostics available on rack card versions (use RT-926C-D-SL and RR-926C-D-SL) - See page 21		3,050.00
MT-944C-SL, RT-944C-SL, MR-944C-SL, RR-944C-SL	4-Ch 10-Bit Digital Video / 1-Ch Multi-Protocol Data, 1300/1550nm, 21dB	3,790.00
AFINETY Diagnostics available on rack card versions (use RT-944C-D-SL and RR-944C-D-SL) - See page 21		3,990.00
MT-945C-SL, RT-945C-SL, MR-945C-SL, RR-945C-SL	4-Ch 10-Bit Digital Video / 2-Ch Multi-Protocol Data, 1300/1550nm, 21dB	3,990.00
AFINETY Diagnostics available on rack card versions (use RT-945C-D-SL and RR-945C-D-SL) - See page 21		4,190.00
MT-946C-SL, RT-946C-SL, MR-946C-SL, RR-946C-SL	4-Ch 10-Bit Digital Video/ Multi-Protocol Data & CC, 1300/1550nm, 21dB	3,990.00
AFINETY Diagnostics available on rack card versions (use RT-946C-D-SL and RR-946C-D-SL) - See page 21		4,190.00
MT-985C-SL, MR-985C-SL	8-Ch 10-Bit Digital Video / 2-Ch Multi-Protocol Data, 1300/1550nm, 21dB	4,990.00
MTX-985C-SL,MRX-985C-SL	8-Ch 10-Bit Digital Video / 2-Ch Multi-Protocol Data, 1300/1550nm, 21dB	6,800.00
MT-986C-SL, MR-986C-SL	8-Ch 10-Bit Digital Video/ Multi-Protocol Data & CC, 1300/1550nm, 21dB	4,990.00
MTX-986C-SL,MRX-986C-SL	8-Ch 10-Bit Digital Video/ Multi-Protocol Data & CC, 1300/1550nm, 21dB	6,800.00
MTX-91685C-SL,MRX-91685C-SL	16-Ch 10-Bit Digital Video / 2-Ch Multi-Protocol Data, 1300/1550nm, 21dB	14,600.00
RT-92482C-SL,RR-92482C-SL	24-Ch 10-Bit Digital Video / 2-Ch Multi-Protocol Data, 1300/1550nm, 21dB	19,950.00
AFINETY Diagnostics available on this series (use RT-92482C-D-SL and RR-92482C-D-SL) - See page 21		Consult Factory
RT-93282C-SL,RR-93282C-SL	32-Ch 10-Bit Digital Video / 2-Ch Multi-Protocol Data, 1300/1550nm, 21dB	25,300.00
AFINETY Diagnostics available on this series (use RT-93282C-D-SL and RR-93282C-D-SL) - See page 21		Consult Factory
RT-94082C-SL,RR-94082C-SL	40-Ch 10-Bit Digital Video / 2-Ch Multi-Protocol Data, 1300/1550nm, 21dB	29,900.00
AFINETY Diagnostics available on this series (use RT-94082C-D-SL and RR-94082C-D-SL) - See page 21		Consult Factory
RT-94882C-SL,RR-94882C-SL	48-Ch 10-Bit Digital Video / 2-Ch Multi-Protocol Data, 1300/1550nm, 21dB	33,100.00
AFINETY Diagnostics available on this series (use RT-94882C-D-SL and RR-94882C-D-SL) - See page 21		Consult Factory

* UTP input/output copper connections are available for the 985SL and 986SL Series products. Please consult factory.

All Module prices include power supply.

Prices and specifications subject to change without prior notice.

CONFIGURABLE DIGITAL VIDEO/DATA/AUDIO/ETHERNET - MULTIMODE

The Pluggable "P" Series provides you with the capability to configure your systems to meet the needs of your application.

91PXXXC Series

* 1 Slot Rack Card

- X = 5 = MPD (Multi-Protocol Data): RS485, RS422, RS232, or Manchester/Bosch
- X = 8 = 4W Audio
- X = 9 = Contact Closure

Note: MT - Modular Video TX, Data TCVR
 RT - Rack Card Video TX, Data TCVR

MR - Modular Video RX, Data TCVR
 RR - Rack Card Video RX, Data TCVR

List

MT-91P088C, RT-91P088C, MR-91P088C, RR-91P088C	Digital Video/ 2-Ch Audio, 12dB, 4KM	1,980.00
MT-91P588C, RT-91P588C, MR-91P588C, RR-91P588C	Digital Video/ MPD & 2-Ch Audio, 12dB, 4KM	2,200.00
MT-91P589C, RT-91P589C, MR-91P589C, RR-91P589C	Digital Video/ MPD, Audio & CC, 12dB, 4KM	2,200.00

94PXXC Series

* 2 Slot Rack Card

- X = 3 = 2-Channel RS232
- X = 5 = MPD (Multi-Protocol Data): RS485, RS422, RS232, or Manchester/Bosch
- X = 6 = 2-Channel Contact Closure
- X = 8 = 4W Audio
- X = 9 = Contact Closure

Note: A combination "3" and "6" configuration not available.

MT-94P58C, RT-94P58C, MR-94P58C, RR-94P58C	4-Ch Digital Video/ MPD & Audio, 12dB, 2KM	3,290.00
MT-94P59C, RT-94P59C, MR-94P59C, RR-94P59C	4-Ch Digital Video/ MPD & CC, 12dB, 2KM	3,290.00
MT-94P35C, RT-94P35C, MR-94P35C, RR-94P35C	4-Ch Digital Video/ 2-Ch RS232 & MPD, 12dB, 2KM	3,290.00

91PXXE Series

* 2 Slot Rack Card

- X = 5 = MPD (Multi-Protocol Data): RS485, RS422, RS232, or Manchester/Bosch
- X = 9 = Contact Closure
- Y = 8 = 2-Channel 4W Audio
- E = 10/100Base Ethernet (Standard)

MT-91P05E, RT-91P05E, MR-91P05E, RR-91P05E	Digital Video / MPD & Ethernet, 12dB, 2KM	1,980.00
MT-91P55E, RT-91P55E, MR-91P55E, RR-91P55E	Digital Video / 2-Ch MPD & Ethernet, 12dB, 2KM	2,200.00

91PXXXXYE Series

* 2 Slot Rack Card

- X = 5 = MPD (Multi-Protocol Data): RS485, RS422, RS232, or Manchester/Bosch
- X = 9 = Contact Closure
- Y = 8 = 2-Channel 4W Audio
- E = 10/100Base Ethernet (Standard)

MT-91P55558E, RT-91P55558E, MR-91P55558E, RR-91P55558E	Digital Video / 4-Ch MPD, 2-Ch Audio & Ethernet, 12dB, 2KM	2,490.00
MT-91P55998E, RT-91P55998E, MR-91P55998E, RR-91P55998E	Digital Video / 2-Ch MPD, 2-Ch CC, 2-Ch Audio, & Ethernet, 12dB, 2KM	2,490.00

**Due to the flexibility of these systems, additional channel configurations are available.
 Please consult factory.**

CONFIGURABLE DIGITAL VIDEO/DATA/AUDIO/ETHERNET - SINGLEMODE

The Pluggable "P" Series provides you with the capability to configure your systems to meet the needs of your application.

91PXXXC-SL Series

* 1 Slot Rack Card

X = 5 = MPD (Multi-Protocol Data): RS485, RS422, RS232, or Manchester/Bosch
X = 8 = 4W Audio
X = 9 = Contact Closure

Note: MT - Modular Video TX, Data TCVR
RT - Rack Card Video TX, Data TCVR

MR - Modular Video RX, Data TCVR
RR - Rack Card Video RX, Data TCVR

		<u>List</u>
MT-91P088C-SL, RT-91P088C-SL, MR-91P088C-SL, RR-91P088C-SL	Digital Video/ 2-Ch Audio, 21dB	2,540.00
MT-91P588C-SL, RT-91P588C-SL, MR-91P588C-SL, RR-91P588C-SL	Digital Video/ MPD & 2-Ch Audio, 21dB	2,990.00
MT-91P589C-SL, RT-91P589C-SL, MR-91P589C-SL, RR-91P589C-SL	Digital Video/ MPD, Audio & CC, 21dB	2,990.00

94PXXC-SL Series

* 2 Slot Rack Card

X = 3 = 2-Channel RS232
X = 5 = MPD (Multi-Protocol Data): RS485, RS422, RS232, or Manchester/Bosch
X = 6 = 2-Channel Contact Closure
X = 8 = 4W Audio
X = 9 = Contact Closure
Note: A combination "3" and "6" configuration not available.

MT-94P58C-SL, RT-94P58C-SL, MR-94P58C-SL, RR-94P58C-SL	4-Ch Digital Video/ MPD & Audio, 21dB	3,990.00
MT-94P59C-SL, RT-94P59C-SL, MR-94P59C-SL, RR-94P59C-SL	4-Ch Digital Video/ MPD & CC, 21dB	3,990.00
MT-94P35C-SL, RT-94P35C-SL, MR-94P35C-SL, RR-94P35C-SL	4-Ch Digital Video/ 2-Ch RS232 & MPD, 21dB	3,990.00

91PXXE-SL Series

* 2 Slot Rack Card

X = 5 = MPD (Multi-Protocol Data): RS485, RS422, RS232, or Manchester/Bosch
X = 9 = Contact Closure
Y = 8 = 2-Channel 4W Audio
E = 10/100Base Ethernet (Standard)

MT-91P05E-SL, RT-91P05E-SL, MR-91P05E-SL, RR-91P05E-SL	Digital Video / MPD & Ethernet, 21dB	2,730.00
MT-91P55E-SL, RT-91P55E-SL, MR-91P55E-SL, RR-91P55E-SL	Digital Video / 2-Ch MPD & Ethernet, 21dB	3,200.00

91PXXXXYE-SL Series

* 2 Slot Rack Card

X = 5 = MPD (Multi-Protocol Data): RS485, RS422, RS232, or Manchester/Bosch
X = 9 = Contact Closure
Y = 8 = 2-Channel 4W Audio
E = 10/100Base Ethernet (Standard)

MT-91P5558E-SL, RT-91P5558E-SL, MR-91P5558E-SL, RR-91P5558E-SL	Digital Video / 4-Ch MPD, 2-Ch Audio & Ethernet, 21dB	3,190.00
MT-91P5598E-SL, RT-91P5598E-SL, MR-91P5598E-SL, RR-91P5598E-SL	Digital Video / 2-Ch MPD, 2-Ch CC, 2-Ch Audio, & Ethernet, 21dB	3,190.00

Due to the flexibility of these systems, additional channel configurations are available.
Please consult factory.

FIBER EQUIPMENT RACKS

The SR-20 family of subracks are 19" EIA frames designed to hold any combination of American Fibertek rack cards. The SR-20/2 can accommodate up to 14 plug in rack cards, while the SR-20H/2 can hold up to 11 plug in rack cards. The SR-20D/2 can accommodate up to 13 plug in rack cards when using the RD-20D diagnostic card. Blank panels are available for all rack configurations.

Sub-rack Assemblies with Power Supplies

		<u>List</u>
SR-20/2	Standard SR-20 EIA 19" Frame with PSR-2 Power Supply	990.00
SR-20D/2	Diagnostic Capable SR-20D EIA 19" Frame with PSR-2 Power Supply	1,190.00
SR-20H/2	Hot Swappable SR-20H EIA 19" Frame with (2) PSR-2H Power Supplies	1,950.00

Sub-rack Power Supplies

PSR-2	Switching 100W Universal Power Supply. For use with SR-20 or SR-20D subrack.	600.00
PSR-2H	Hot Swappable 100W DC Power Supply. For use with SR-20H subrack.	750.00

Blank Panel Covers for SR-20, SR-20D, or SR-20R Sub-racks

BPS-1	One Slot Blank Panel Cover	30.00
BPS-2	Two Slot Blank Panel Cover	49.00
BPS-4	Four Slot Blank Panel Cover	66.00

AFINETY SYSTEM REMOTE DIAGNOSTICS

American Fibertek offers a password protected remote monitoring system for most of our digital fiber optic transceivers that can be accessed from a number of standard web browsers. The system consists of an SR-20D/2 subrack and an RD-20D diagnostic control card, which will alert the user to a hard or soft failures via email or monitor output. Any digital series part that indicates "AFINETY Diagnostics available" can then be monitored remotely by adding the letter 'D' to the part number and increasing the list price by \$200.00. For example, an RR-913C, which has a list price of \$2,200.00, would become an RR-913C-D, with a list price of \$2,400.00. The modular field unit, the MT-913C-D in this case, could also be monitored remotely through its corresponding diagnostic enhanced rack transceiver.

AFINETY Sub-rack, Remote Diagnostic Card, and Power Supply

SR-20D/2	Diagnostic Capable SR-20D EIA 19" Frame with PSR-2 Power Supply	1,190.00
RD-20D	Diagnostic Control Rack Card	900.00
PSR-2	Switching 100W Universal Power Supply. For use with SR-20D subrack.	600.00

POWER SUPPLIES FOR MODULAR EQUIPMENT

Power Supplies NOTE: Power supplies are included with all modular units.

PS-12	12 Volt DC Plug in Power Supply	18.00
PS-12AC	12 Volt AC Plug in Power Supply	18.00
PS-12D	12 Volt Regulated DC Plug in Power Supply	30.00
PS-24	24 Volt AC Plug in Power Supply	11.00
PS-24CT-T	24 Volt Center Tap Plug in Power Supply	25.00
PS-24CT-230	24 Volt Center Tap Universal Input Power Supply	63.00
PS-24DC	24 Volt DC Power Supply	55.00
PS-VR2T	24 Volt AC / 12 Volt DC Converter	45.00
PC-1248-72	12V to 48V / 72W Power Converter	390.00

All Module prices include power supply.

Prices and specifications subject to change without prior notice.

ACCESSORIES - PATCH PANELS

<u>Patch Panel - Wall Mount Enclosures</u>		<u>List</u>
WIC-012ST	Wall Mounted Interconnect with 12 ST Connectors	214.00
WIC-024ST	Wall Mounted Interconnect with 24 ST Connectors	328.00

<u>Patch Panel - Rack Mount Enclosures</u>		<u>List</u>
RIC - 012ST	Rack Mounted Interconnect with 12 ST Connectors	268.00
RIC - 024ST	Rack Mounted Interconnect with 24 ST Connectors	428.00

ACCESSORIES - PATCHCORDS / MULTIMODE

<u>ST Connectors:</u>	<u>Hybrid ST to SC:</u>	<u>SC Connectors:</u>		
PCST - 01MS	PCTW - 01MS	PCSC - 01MS	1 Meter Multimode Simplex Patchcord	20.00
PCST - 02MS	PCTW - 02MS	PCSC - 02MS	2 Meter Multimode Simplex Patchcord	22.00
PCST - 03MS	PCTW - 03MS	PCSC - 03MS	3 Meter Multimode Simplex Patchcord	24.00
PCST - 05MS	PCTW - 05MS	PCSC - 05MS	5 Meter Multimode Simplex Patchcord	27.00
PCST - 10MS	PCTW - 10MS	PCSC - 10MS	10 Meter Multimode Simplex Patchcord	35.00
PCST - 01MD	PCTW - 01MD	PCSC - 01MD	1 Meter Multimode Duplex Patchcord	39.00
PCST - 02MD	PCTW - 02MD	PCSC - 02MD	2 Meter Multimode Duplex Patchcord	42.00
PCST - 03MD	PCTW - 03MD	PCSC - 03MD	3 Meter Multimode Duplex Patchcord	46.00
PCST - 05MD	PCTW - 05MD	PCSC - 05MD	5 Meter Multimode Duplex Patchcord	52.00
PCST - 10MD	PCTW - 10MD	PCSC - 10MD	10 Meter Multimode Duplex Patchcord	69.00

ACCESSORIES - PATCHCORDS / SINGLEMODE

<u>Standard Patchcords - ST Connectors</u>		
PCST - 01SS	1 Meter Singlemode Simplex Patchcord	38.00
PCST - 03SS	3 Meter Singlemode Simplex Patchcord	41.00
PCST - 05SS	5 Meter Singlemode Simplex Patchcord	44.00
PCST - 10SS	10 Meter Singlemode Simplex Patchcord	49.00

TERMS AND CONDITIONS OF SALE

PAYMENT TERMS: All orders are subject to acceptance by American Fibertek Inc. Terms are 2%10, N 30 days to approved accounts. All accounts 60 days past due will be placed on C.O.D. immediately. Full performance by American Fibertek Inc. shall be deemed to have occurred shall be deemed to have occurred upon shipment from American Fibertek's place of business in Somerset, New Jersey. American Fibertek shall make and invoice for partial shipments unless otherwise specified by the Purchaser.

CREDIT CARD PAYMENT: Is accepted with American Express, Visa and Master Card.

OPEN ACCOUNT: To establish an open account, submit a completed credit application, three (3) current credit references, a bank reference and a current financial statement (if available) for approval prior to shipment. Prepayment by advanced company check, certified funds, wire transfer, or C.O.D. will release orders pending credit approval.

PRICING: All pricing is subject to change without notice. All shipments are billed at current prevailing prices. We are not responsible for misprints or typographical errors. All merchandise subject to State and Federal taxes, if any.

SHIPPING: F.O.B. Somerset, New Jersey, U.S.A. Merchandise will be shipped surface freight, unless otherwise specified. We reserve the right to select final carrier of any shipment. Shipments are made to the common carrier in good condition. When transfer to the carrier is completed, American Fibertek's liability for the merchandise ceases. All claims for damages and shortages must be filed by the purchaser directly with the transporting company within 7 days after delivery. All damage and shortages must be noted on delivery report. American Fibertek reserves the right to ship + 10% on all Fiber Optic Cable orders.

SPECIAL HANDLING: American Fibertek reserves the right to place handling charges on special orders.

CANCELLATION: Orders accepted by American Fibertek, Inc. may be cancelled by the Purchaser at American Fibertek's discretion and shall be subject payment by the Purchaser of a cancellation charge. Fiber Optic Cables cut to specified lengths and Cable Assemblies are not eligible for cancellation or return.

REPAIR AND RETURN INFORMATION: If a repair is required, contact American Fibertek for a Return Material Authorization (RMA) number and provide the following information:

- 1) Model and serial number
- 2) Date of shipment, P.O. number, or American Fibertek invoice number
- 3) Details of the problem or damage

RMA numbers are valid for thirty (30) days from date of issue. All products must be returned during this period. Products received after this date will be classified as non-returnable and sent back at shipper's expense.

NOTE: A Minimum charge of \$ 50.00 for bench time will apply to all non warranty repairs.

CREDIT RETURNS: No unauthorized returns will be accepted.

Products can qualify for a credit return if they have not been used, are in the original cartons and are not more than 6 months old. These products are subject to a 25% restock fee. All credit returns must have approval and authorization prior to shipment. A return authorization number (RMA #) must be obtained and material must be in original cartons with the RMA # clearly noted on the outside of the package. **Items that AFI designates as non-standard, special order items, fiber optic cable, and fiber optic cable assemblies are not returnable.** Upon approval credit amount will be posted to the customers account and will be the net amount after applicable restock fee, and will be applied toward credit or exchange only.

Ship freight prepaid to: American Fibertek Inc., 120 Belmont Drive, Somerset NJ 08873

LIFETIME WARRANTY INFORMATION

American Fibertek Inc warrants that at the time of delivery the products manufactured by American Fibertek will be free of defects in materials and workmanship. Defective products will be repaired or replaced at the exclusive option of American Fibertek. A Return Material Authorization number (RMA #) is required to send the products back in case of return. All returns must be shipped prepaid. This warranty is void if the products have been tampered with. This warranty shall be construed in accordance with New Jersey law and the courts of New Jersey shall have exclusive jurisdiction over this contract. **EXCEPT FOR THE FOREGOING WARRANTY, THERE IS NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, EXPRESSED OR IMPLIED, WHICH EXTENDS BEYOND THE WARRANTY SET FORTH IN THIS AGREEMENT.** In any event, American Fibertek will not be responsible or liable for contingent, consequential, or incidental damages. No agreement or understanding, expressed or implied, except as set forth in this warranty will be binding upon American Fibertek unless in writing, signed by a duly authorized officer of American Fibertek.