

(2) 10/100/1000Base-T & (2) 1000Base-SX/LX Ethernet 4 Port Switch / Drop & Repeat Transceiver

FEATURES:

- ◆ Complete Fiber Optic to Twisted Pair Media Interface
- ◆ Drop and Repeat Capability
- ♦ Auto MDI / MDIX Detection
- Link and Activity Indicators for UTP and Fiber Ports
- Singlemode and Multimode Fiber Versions Available
- ◆ Triple Speed Copper Ports

SPECIFICATIONS:

Eth	~"		٠.
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Data Rate
Auto negotiated.......10/100/1000 Mb/s
Connector.......RJ45

Optical:

 One Fiber
 1310/1550 nm

 Two Fiber
 -SX
 850 nm

 -LX
 1310 nm

 Distance/Loss Budget
 SX

 -62/125u
 220 m

 -Loss Budget
 7 dB

 LX
 -62/125u
 550 m

 -Loss Budget
 10 dB

 Connector
 SC,ST

Power:

Power Supply:

Module:12VDC(AFI Part #: PS-12D+)

Environmental:

Temperature-40 °C to +75 °C Humidity...... 5 % to 95 %

Size:



The American Fibertek 49 Series transmits and receives (2) copper 10/100/1000 BaseT Ethernet signals at the RJ45 ports and (2) optical 1000 Base-X over 1 or 2 multimode fibers. The system is comprised of two or more units forming a communications link.

The system is designed to be completely transparent with auto negotiation features which automatically configures the unit for the correct speed (10/100/1000 Base-T). Auto MDI/MDIX operation eliminates the potential need for crossover cables. Diagnostic indicators provide a quick visual indication of system status.

ORDERING INFORMATION:

MX-49-SX-SC MX-49-LX-SC MX-49-LX-1F-SC MX-49-SX-ST MX-49-LX-ST MX-49-LX-1F-ST Two Fiber/Port , Module SX Mutimode SC Connector Two Fiber/Port, Module LX Multimode SC Connector One Fiber/Port, Module LX Multimode SC Connector Two Fiber/Port, Module SX Mutimode ST Connector Two Fiber/Port, Module LX Multimode ST Connector One Fiber/Port, Module LX Multimode ST Connector

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RX-49 SERIES MULTIMODE

10/100/1000Base-T to 1000Base-SX/LX Ethernet Media Converter / 4 Port Switch

FEATURES:

- ◆ Complete Fiber Optic to Twisted Pair Media Interface
- ◆ Auto MDI / MDIX Detection
- ◆ Auto Negotiate
- Link and Activity Indicators for UTP and Fiber Ports
- Singlemode and Multimode Fiber Versions Available

SPECIFICATIONS:

Ethernet: Data Rate: Auto negotiated10/100/1000 Mb/s ConnectorRJ45
Optical:
One Fiber 1310/1550 nm
Two Fiber
-SX850 nm
-LX1310 nm
Distance/Loss Budget SX
-62/125u220 m
-Loss Budget 7 dB
I X
-62/125u550 m
-Loss Budget 10 dB
Connector SC,ST
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Power Supply:

Rack Card: (AFI Part #: SR-20/2)

Environmental:

Temperature	40 °C to +75 °C)
Humidity	5 % to 95 %	ó

Size:

Rack Card One Slot.......6½" x 1" x 5"

ORDERING INFORMATION:

RX-49-SX-AA Two Fiber Per Port Rackcard SX RX-49-LX-AA Two Fiber Per Port Rackcard LX RRX-49-LX-AA One Fiber Per Port Rackcard LX

Replace AA with ST or SC to specify the desired optical connector

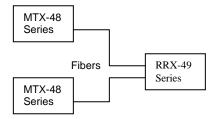


The American Fibertek Series RX-49 transmits and receives (2) copper 10/100/1000 BaseT Ethernet signals at the RJ45 ports and (2) optical 1000 BaseX at the fiber ports. Both single fiber and dual fiber versions of the optics are available.

A single rackcard unit is capable of connecting up to (2) Series MX/MTX-48 (see separate datasheet) modules which provides the benefit of reducing the number of rackcards and corresponding subrack space and power supplies.

The system is designed to be completely transparent with auto negotiation features which automatically configures the unit for the correct speed (10/100/1000 BaseT). Auto MDI/MDIX operation eliminates the potential need for crossover cables. Diagnostic indicators provide a quick visual indication of system status.

Equipment may be ordered as stand alone modules or rack cards that are mounted in the American Fibertek Card Cage: SR-20/2



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