

(2) 10/100/1000Base-T & (2) 1000Base-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:

Ethernet:

Data Rate
Auto negotiated ... 10/100/1000 Mb/s
ConnectorRJ45

Optical:

One Fiber..... 1310/1550 nm
Two Fiber.....1310 nm
Distance
LX 9/125u 10 km
Loss Budget10 dB
ConnectorSC,ST

Power:

Voltage 12 VDC
Current..... < 500 mA
Connector2 Pin Terminal Block

Power Supply:

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

Environmental:

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

Size:

Module.....4¼" x 4¼" x 1⅛"



The American Fibertek 49SL 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 singlemode 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 BaseT). 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-LX-SL-SC	Two Fiber/Port, Module LX Singlemode SC Connector
MX-49-LX-SL-1F-SC	One Fiber/Port, Module LX Singlemode SC Connector
MX-49-LX-SL-ST	Two Fiber/Port, Module LX Singlemode ST Connector
MX-49-LX-SL-1F-ST	One Fiber/Port, Module LX Singlemode ST Connector



10/100/1000Base-T to 1000Base-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 negotiated..... 10/100/1000 Mb/s
Connector RJ45

Optical:

One Fiber 1310/1550 nm
Two Fiber 1310 nm
Distance
LX 9/125u 10 km
Loss Budget 10 dB
Connector SC, ST

Power Supply:

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

Environmental:

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

Size:

Rack Card One Slot.....6½" x 1" x 5"

ORDERING INFORMATION:

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

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



The American Fibertek RX-49-SL Series transmits and receives (2) copper 10/100/1000 Base-T Ethernet signals at the RJ45 ports and (2) optical 1000 Base-X 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-SL (on a 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 Base-T). 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

