



RX-50 SERIES MULTIMODE

10/100 Base-T to 100 Base-FX Ethernet Media Converter / 4 Port Switch

FEATURES:

- ◆ Complete Fiber Optic to Twisted Pair Media Interface
- ◆ Auto Negotiate 10/100 Ports
- ◆ Auto MDI/MDIX Detection
- ◆ Link and Activity Indicators for UTP and Fiber Ports
- ◆ Singlemode and Multimode Fiber Versions Available

SPECIFICATIONS:

Ethernet:

Data Rate

Auto negotiated 10/100 Mb/s
Connector RJ45
PoE (2 RJ45 ports) 802.3af

Optical:

One Fiber 1310/1550 nm
Two Fiber 1310 nm

Source:

Multimode Two Fiber LED

Multimode One Fiber Laser

Distance

FX 62/125u 2 km

Loss Budget 11 dB

Connector SC, ST

Power:

Voltage 48 VDC

Current 200 mA

Connector 2 Pin Terminal Block

Power Supply:

Module: 48VDC, 60W

(AFI Part #: PS-48V-60W)

Environmental:

Temperature -40 °C to +75 °C

Humidity 5 % to 95 %

Size:

Rack Card One Slot 6½" x 1" x 5"

ORDERING INFORMATION:

RX-50-FX-AA Two Fiber Rackcard Rx FX

RRX-50-FX-AA One Fiber Rackcard Rx FX

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

8/11/11



The American Fibertek RX-50 Series transmits and receives (2) copper 10/100 Base-T Ethernet signals at the RJ45 ports and (2) optical 100 Base-FX 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-50 (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 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

