

(2) 10/100/1000Base-T & (1) 1000Base-ZX Ethernet Media Converter / 3 Port Switch

FEATURES:

- ◆ Complete Fiber Optic to Twisted Pair Media Interface
- ◆ Auto MDI / MDIX Detection
- ◆ Link and Activity Indicators for UTP and Fiber Ports
- ◆ Singlemode Fiber
- ◆ Triple Speed Copper Ports

SPECIFICATIONS:

Ethernet:

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

Optical:

One Fiber..... 1490/1550 nm
Two Fiber.....1550nm
Distance
ZX 9/125u 70 km
Loss Budget24 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"
Rack Card One Slot 6½" x 1" x 5"



The American Fibertek 48ZX Series transmits and receives (2) copper 10/100/1000Base-T Ethernet signals at the RJ45 ports and (1) optical 1000 Base-ZX over 1 or 2 singlemode fibers up to a distance of 70 km. The system is comprised of two units forming a communications link.

The system is designed to be completely transparent with an auto negotiation features which automatically configures the unit for the correct speed (10/100/1000Base-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

ORDERING INFORMATION:

MX-48-ZX-SC	Two Fiber Module ZX Singlemode
RX-48-ZX-SC	Two Fiber Rack Card ZX Singlemode
MTX-48-ZX-SC	One Fiber Module Transmitter ZX Singlemode
MRX-48-ZX-SC	One Fiber Module Receiver ZX Singlemode
RTX-48-ZX-SC	One Fiber Rack card Transmitter ZX Singlemode
RRX-48-ZX-SC	One Fiber Rack card Receiver ZX Singlemode

ST Connector : Replace SC with ST in above part number