

10/100/Base-T to 100Base-FX Mini Ethernet Media Converter

FEATURES:

- ◆ Complete Fiber Optic to Twisted Pair Media Interface
- ◆ Auto MDI / MDIX Detection
- ◆ Link and Activity Indicators for UTP and Fiber Ports
- ◆ Singlemode and Multimode Fiber
- ◆ Dual Speed Copper Port
- ◆ 12 VDC or 24 VAC user configurable
- ◆ Full IEEE 802.3 compatibility

SPECIFICATIONS:

ETHERNET:

Data Rate:

Auto negotiated 10/100 Mb/s

Connector RJ45

OPTICAL:

Wavelength 1310 nm

Distance/Loss Budget

Maximum Distance 2 Km

62/125u (per 802.3 spec) 220 m

50/125u (per 802.3 spec) 550 m

Loss Budget 14 dB

Connector SC, ST

POWER:

Voltage 12 VDC or 24VAC

Current < 500 mA

Connector 2 Pin Terminal Block

Power Supply:

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

PHYSICAL:

Temperature -20 °C to 60 °C

Humidity 5 % to 95 %

Size:

Module 4¼" x 1¼" x 1"



The American Fibertek MX1 Series transmits and receives 10/100 BaseT Ethernet signals at the RJ45 port and optical 100 Base-FX over 2 multimode fibers. The system is comprised of two units forming a point-to-point communications link.

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

ORDERING INFORMATION:

MX1M-FX-SC Two Fiber Module FX mini Multimode SC Connectors
MX1M-FX-ST Two Fiber Module FX mini Multimode ST Connectors