

Multimode to Singlemode Converters Supports 100Base-FX Ethernet

FEATURES:

- Single Fiber or Dual Fiber Versions
- Wide -40C to +75C Operating Temperature
- Supports 10/100 Base-TX
- Optical Link LED Indicators

SPECIFICATIONS:

Optical:

- One Fiber 1310/1550 nm
- Two Fiber 1310 nm
- Connector.....SC, ST

-Multimode

- Transmit Optical Power-18 dBm
- Receive Sensitivity-32 dBm
- Loss Budget *..... 14 dBm
- Distance.....> 2 km

-Singlemode

- Transmit Optical Power-12 dBm
- Receive Sensitivity-34 dBm
- Loss Budget *..... 22 dBm
- Distance.....> 20 km

Power:

- Voltage 12 VDC
- Current..... < 500 mA
- Connector..... 2 Pin Terminal Block

Power Supply:

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

Physical:

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

Size:

- Module..... 4 1/4" x 4 1/4" x 1 1/8"
- * Using recommended AFI products at the other ends of the converter.



The American Fibertek 50P Series provides a Multimode to Singlemode conversion. These bi-directional media converters may be used individually to connect 100Base-FX multimode and singlemode devices, or in pairs at each end of long-distance singlemode fiber links.

Because the converters are bi-directional, both Singlemode to Multimode and Multimode to Singlemode conversion is supported within each unit.

Diagnostic indicators provide a quick visual indication of system status.

ORDERING INFORMATION:

MX-50P-FX-1F-SC	One Fiber/Port, FX, SC Connectors
MX-50P-FX-1F-ST	One Fiber/Port FX, ST Connectors
MX-50P-FX-SC	Two Fiber/Port FX, SC Connectors
MX-50P-FX-ST	Two Fiber/Port FX, ST Connectors

