



**50-FX  
SERIES  
MULTIMODE**

**(2) 10/100 Base-T & (2) 100Base-FX  
Ethernet 4 Port Switch / Drop & Repeat Transceiver**

**FEATURES:**

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

**SPECIFICATIONS:**

**Ethernet:**

Data Rate  
Auto negotiated ..... 10/100 Mb/s  
Connector .....RJ45

**Optical:**

-One Fiber ..... 1310/1550 nm  
-Two Fiber ..... 1310 nm  
Loss Budget ..... 11 dB  
Distance.....2 Km  
Connector.....SC, ST

**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..... 4¼" x 4¼" x 1⅛"



The American Fibertek 50 Series transmits and receives (2) copper 10/100 BaseT Ethernet signals at the RJ45 ports and (2) optical 100 Base-FX over 1 or 2 multimode 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 configure 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:**

MX-50-FX-1F-SC	One Fiber/Port Module FX Multimode SC Connector
MX-50-FX-1F-ST	One Fiber/Port Module FX Multimode ST Connector
MX-50-FX-SC	Two Fiber/Port Module FX Multimode SC Connector
MX-50-FX-ST	Two Fiber/Port Module FX Multimode ST Connector

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