

## (2) 10/100/1000Base-T & (2) 1000Base-LX Ethernet 4 Port Switch / Drop & Repeat Transceiver

### FEATURES:

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

### SPECIFICATIONS:

#### Ethernet:

Data Rate

Auto negotiated ... 10/100/1000 Mb/s  
Connector .....RJ45

#### Optical:

One Fiber..... 1310/1550 nm  
Two Fiber.....1310 nm  
Distance  
LX 9/125u ..... 10 km  
Loss Budget .....10 dB  
Connector .....SC,ST

#### Power:

Voltage ..... 12 VDC  
Current..... < 500 mA  
Connector .....2 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"



The American Fibertek 49SL Series transmits and receives (2) copper 10/100/1000 BaseT Ethernet signals at the RJ45 ports and (2) optical 1000 Base-X over 1 or 2 singlemode 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 configures the unit for the correct speed (10/100/1000 BaseT). Auto MDI/MDIX operation eliminates the potential need for crossover cables. Diagnostic indicators provide a quick visual indication of system status.

### ORDERING INFORMATION:

MX-49-LX-SL-SC	Two Fiber/Port, Module LX Singlemode SC Connector
MX-49-LX-SL-1F-SC	One Fiber/Port, Module LX Singlemode SC Connector
MX-49-LX-SL-ST	Two Fiber/Port, Module LX Singlemode ST Connector
MX-49-LX-SL-1F-ST	One Fiber/Port, Module LX Singlemode ST Connector