



**(2) 10/100/1000Base-T & (2) 1000Base-ZX
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 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
LH 9/125u 70 km
Loss Budget24 dB
ConnectorSC

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"



The American Fibertek 49ZX Series transmits and receives (2) copper 10/100/1000 BaseT Ethernet signals at the RJ45 ports and (2) optical 1000 Base-ZX over 1 or 2 singlemode fibers up to a distance of 70 km. The system is comprised of two or more units forming a communications/repeater 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-ZX-1F-SC One Fiber/Port, Module, Singlemode, SC Connector
MX-49-ZX-SC Two Fiber/Port, Module, Singlemode, SC Connector

