

(4) 10/100Base-TX & (2) 1000Base-X SFP Ethernet 6 Port Switch with PoE/PoE+

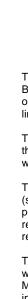
FEATURES:

- ◆ Complete Fiber Optic to Twisted Pair Media Interface
- ♦ Auto MDI / MDIX Detection
- Link and Activity Indicators for UTP and Fiber Ports
- SFP Optical and Copper Plug-ins Available
- ◆ 10/100Base-TX Speed On Copper Ports
- ◆ Power Over Ethernet on All Ports

SPECIFICATIONS:

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Data Rate			
Auto negotiated10/100 Mb/s			
ConnectorRJ45			
PoE (4 RJ45 ports)802.3af 15 Watts			
PoE+ (4 RJ45 ports) 802.3at 30 Watts			
Optical:			
Two Fiber			
-SX 850 nm			
-LX 1310 nm			
-ZX 1550 nm			
Distance/Loss Budget SX			
-62/125u 220 m			
-Loss Budget7 dB			
LX			
-62/125u 550 m			
-Loss Budget10 dB			
-9/125u5 km			
-Loss Budget12 dB			
ZX			
-9/125u70 km			
-Loss Budget23 dB			
ConnectorDual LC			
Power:			
Voltage48-52 VDC			
Current (no external PD load) 100 mA			
Connector 2 Pin Terminal Block			
Environmental:			
Temperature40 °C to +75 °C			
Humidity 5 % to 95 %			

Module...... $7^{5}/_{8}$ "x $5^{1}/_{2}$ "x $1^{1}/_{8}$ "





The American Fibertek MX-6p-PoE Series transmits and receives (4) copper 10/100 Base-TX Ethernet signals at the RJ45 ports and (2) optical 1000 Base-X over 1 or 2 optical fibers. The system is comprised of two or more units forming a communications link

The Series MX-6p-PoE Series also sources power to devices from the RJ45 ports over the copper connection. All 4 RJ45 ports may be used to deliver dc power (802.3af 15 watts) or (802.at 30 watts) to PD devices.

The MX-6p-PoE is targeted for applications where the customer has 48 volts available (such as in security monitoring of solar farms). An external 48 volt power supply, provided by the customer, needs to provide the required watts for the application. The recommended watts for 4 ports of 802.3af and 802.3at is 60 watts and 120 watts respectively.

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

ORDERING INFORMATION:

MX-6p-PoE 6 Port, Module

Power Supply not included. Contact AFI for products which include a power supply.

RECOMMENDED POWER SUPPLIES:

PS-48D	30 Watts 0 to 50°C
PS-4830	30 Watts -40 to 75°C
PS-4860	60 Watts -40 to 75°C
PS-48120	120 Watts -40 to 75°C

8/15/13 JPK

Size: