

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

FEATURES:

- ◆ (4) 10/100 Base-TX Ports with PoE
- ◆ Auto MDI / MDIX Detection
- ◆ Auto Negotiation on the 10/100/ Base TX Ports
- ◆ (2) SFP Pluggable Ports
- ◆ Link and Activity Indicators for UTP and Fiber Ports
- ◆ Self Managed Switch
- ◆ 1RU Package

SPECIFICATIONS:

Ethernet:

Data Rate	
Auto negotiated.....	10/100 Mb/s
Connector	RJ45
PoE (4 RJ45 ports)	802.3af
PoE+ (2 RJ45 ports)	802.3at

SFP Optical:

Wavelengths, Two Fiber:

-SX.....	850 nm
-LX.....	1310 nm
-ZX.....	1550nm
-Connector.....	Dual LC

Distance

-SX	
-62/125u.....	220 m
-50/125u.....	550 m
LX	
-62 or 50/125u	550 m
-9/125u.....	5 km
ZX	
-9/125u.....	70 km

Power:

Universal Power Input:

100 to 240 VAC, 50 to 60 Hz	
Power.....	150 watts

Optional: External Input

Voltage.....	48 VDC
Current.....	< 3.1 A
Connector	2 Pin Terminal Block

Environmental:

Temperature	-25°C to +75°C
Humidity.....	5 % to 95 %

Size:

1RU 1.75" High x 8.5" Wide x 6.75" Deep

9/07/12JPK



The American Fibertek MXB-6p-PoE Series transmits and receives (4) copper 10/100 BaseTX Ethernet signals at the RJ45 ports and (2) 1000 Base-X over copper or fiber.

The MXB-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) to PoE devices. Two RJ45 ports may be used to deliver dc power (802.3at 30 watts) to PoE+ devices. An optional external 48V power supply input terminal block is available.

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:

MXB-6p-PoE

(Order SFP modules separately)

1000 Base-X Optical :

-SFP-SX	850nm, MM, 220m(62um), 550m(50um), dual fiber, LC Connectors
-SFP-LX	1310nm, MM, 550m(62um or 50um), dual fiber, LC Connectors
	1310nm, SM, 5km, dual fiber, LC Connectors
-SFP-ZX	1550nm, SM, 70km, dual fiber, LC Connectors

1000 Base-T Copper

SFP-TX RJ45, 100m, Cat5