



stand-alone media converter

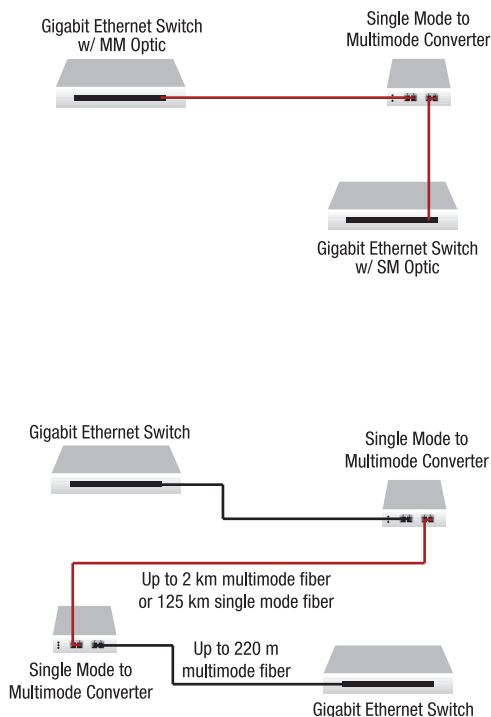
see also: Point System™ Slide-In-Module Gigabit Ethernet/Fiber Channel Optical Mode Converters

SFMFF1xxx-22x

Gigabit Ethernet/Fiber Channel Optical Mode Converter

Features

- ▶ Auto-Negotiation (1000Base-X ports)
- ▶ Link Pass Through
- ▶ Far-End-Fault (100Base-FX ports)
- ▶ Pause
- ▶ Automatic Link Restoration
- ▶ Protocol Transparency
- ▶ Convert 1000BASE-SX ports on a Gigabit Ethernet switch to 1000BASE-LX on a port-by-port basis
- ▶ Ideal for campus area networks or other applications requiring the distance advantages of single mode fiber



Used individually or in pairs, this mode converter can extend 1000 Mbps Gigabit Ethernet or Fiber Channel signals over single mode fiber up to 125 km.

Ordering Information

SFMFF1313-220

1000BASE-SX 850nm multimode (SC)
[62.5/125 µm fiber: 220 m/722 ft.]
[50/125 µm fiber: 550 m/1804 ft.]
Link Budget: 7.5 dB
to 1000BASE-SX 850nm multimode (SC)
[62.5/125 µm fiber: 220 m/722 ft.]
[50/125 µm fiber: 550 m/1804 ft.]
Link Budget: 7.5 dB

SFMFF1324-220

1000BASE-SX 850nm multimode (SC)
[62.5/125 µm fiber: 220 m/722 ft.]
[50/125 µm fiber: 550 m/1804 ft.]
Link Budget: 7.0 dB
to 1000BASE-LX 1310nm Extended MM
(62.5/125 µm fiber only) (SC)
[up to 2 km] Link Budget: 7.0 dB

SFMFF1424-220

1000BASE-LX 1310nm SM (SC)
[10km/6.2 mi.] Link Budget: 7.0 dB
to 1000BASE-LX 1310nm Extended MM
(62.5/125 µm fiber only) (SC)
[up to 2 km] Link Budget: 7.0 dB

SFMFF1314-220

1000BASE-SX 850nm multimode (SC)
[62.5/125 µm fiber: 220 m/722 ft.]
[50/125 µm fiber: 550 m/1804 ft.]
Link Budget: 7.0 dB
to 1000BASE-LX 1310nm SM (SC)
[10 km/6.2 mi.] Link Budget: 7.0 dB

SFMFF1414-220

1000BASE-LX 1310nm SM (SC)
[10 km/6.2 mi.] Link Budget: 7.0 dB
to 1000BASE-LX 1310nm SM (SC)
[10 km/6.2 mi.] Link Budget: 7.0 dB

SFMFF1315-220

1000BASE-SX 850nm multimode (SC)
[62.5/125 µm fiber: 220 m/722 ft.]
[50/125 µm fiber: 550 m/1804 ft.]
Link Budget: 7.0 dB
to 1000BASE-LX 1310nm SM (SC)
[25 km/15.5 mi.] Link Budget: 15.0 dB

SFMFF1317-220

1000BASE-SX 850nm multimode (SC)
[62.5/125 µm fiber: 220 m/722 ft.]
[50/125 µm fiber: 550 m/1804 ft.]
Link Budget: 7.0 dB
to 1000BASE-LX 1550nm SM (SC)
[65 km/40.4 mi.] Link Budget: 20.0 dB

SFMFF1335-220

1000BASE-SX 850nm multimode (SC)
[62.5/125 µm fiber: 220 m/722 ft.]
[50/125 µm fiber: 550 m/1804 ft.]
Link Budget: 7.0 dB
to 1000BASE-LX 1550nm SM (SC)
[125 km/77.7 mi.] Link Budget: 27.0 dB

Recommended use in pairs

SFMFF1329-220

1000BASE-SX 850nm multimode (SC)
[62.5/125 µm fiber: 220 m/722 ft.]
[50/125 µm fiber: 550 m/1804 ft.]
Link Budget: 7.0 dB
to 1000BASE-LX 1310nm TX/1550nm RX
single fiber single mode (SC)
[20 km/12.4 mi.] Link Budget: 13.0 dB

SFMFF1329-221

1000BASE-SX 850nm multimode (SC)
[62.5/125 µm fiber: 220 m/722 ft.]
[50/125 µm fiber: 550 m/1804 ft.]
Link Budget: 7.0 dB
to 1000BASE-LX 1550nm TX/1310nm RX
single fiber single mode (SC)
[20 km/12.4 mi.] Link Budget: 13.0 dB

SFMFF1329-222

1000BASE-SX 850nm multimode (SC)
[62.5/125 µm fiber: 220 m/722 ft.]
[50/125 µm fiber: 550 m/1804 ft.]
Link Budget: 7.0 dB
to 1000BASE-LX 1310nm TX/1550nm RX
single fiber single mode (SC)
[40 km/24.9 mi.] Link Budget: 20.0 dB

SFMFF1329-223

1000BASE-SX 850nm multimode (SC)
[62.5/125 µm fiber: 220 m/722 ft.]
[50/125 µm fiber: 550 m/1804 ft.]
Link Budget: 7.0 dB
to 1000BASE-LX 1550nm TX/1310nm RX
single fiber single mode (SC)
[40 km/24.9 mi.] Link Budget: 20.0 dB

SFMFF1429-220

1000BASE-LX 1310nm single mode (SC)
[10km/6.2 mi.] Link Budget: 10.5.0 dB
to 1000BASE-LX 1310nm TX/1550nm RX
single fiber single mode (SC)
[20 km/12.4 mi.] Link Budget: 13.0 dB

SFMFF1429-221

1000BASE-LX 1310nm single mode (SC)
[10km/6.2 mi.] Link Budget: 10.5.0 dB
to 1000BASE-LX 1550nm TX/1310nm RX
single fiber single mode (SC)
[20 km/12.4 mi.] Link Budget: 13.0 dB

*62.5/125 µm fiber: 220 m/722 ft.
50/125 µm fiber: 550 m/1804 ft.

Optional Accessories (sold separately)

Wide Input (24 - 60 VDC) Power Supplies

SPS-2460-PS

Piggy Back Power Supply

SPS-2460-SA

Stand-Alone Power Supply

Mounting Options

E-MCR-05

12-Slot Media Converter Rack

RMS19-SA4-01

4-Slot Media Converter Shelf

WMBD

DIN Rail Bracket 5.0" [127 mm]

WMBD-F

DIN Rail Bracket (flat) 3.3" [84 mm]

WMBL

Wall Mount Bracket 4.0" [102 mm]

WMBV

Vertical Wall Mount Bracket 5.0" [127 mm]

Single Fiber Products