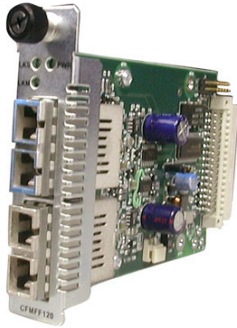


CFMFF1xxx-22x

Gigabit Ethernet/Fiber Channel Optical Mode Converter



CFMFF1xxx-22x

The CFMFF chassis card, when used individually or in pairs, can extend Gigabit Ethernet over single mode fiber up to 125 kilometers. The CFMFF also converts 1000Base-SX ports on a Gigabit Ethernet switch to 1000Base-LX on a port-by-port basis.

Features

- Link Pass Through
- Protocol Transparency
- Extended multimode SX capability (up to 2 km 62.5/125 μ m fiber)
- Field Upgradeable Firmware
- Card manageability:
 - Multimode signal detect
 - Hardware/software mode
 - Fiber port enable/disable multimode
 - Fiber port enable/disable single mode
- Can be used with any Point System™ Chassis

Specifications

Standards	IEEE 802.3
3-position Jumper	Hardware: Software mode is disabled Software: Converter mode is determined by most recently saved on-board microprocessor settings
Status LEDs	PWR (Power): Steady green LED indicates connection to external AC power LKS (Single mode fiber link): Steady LED indicates single mode fiber link LKM (Multimode fiber link): Steady LED indicates multimode fiber link
Dimensions	Width: 0.86" [22 mm] Depth: 5" [127 mm] Height: 3.4" [86 mm]
Power Consumption	3.5 Watts
Environment	Environment specs are dependent on the chassis chosen Operating: 0°C to 50°C Humidity: 5% to 95% (non-condensing) Altitude: 0 – 10,000 ft.
Weight	1 lb. [0.45 kg]
Compliance	UL Listed, cUL Listed (Canada), CISPR/EN55022 Class A & B + EN55024, FCC Class A & B, CE Mark
Warranty	Lifetime

Ordering Information

CFMFF1313-220

1000Base-SX 850nm multimode (SC)
[62.5/125 μ m fiber: 220 m/722 ft.]
[50/125 μ m fiber: 550 m/1804 ft.]
Link Budget 7.0 dB
to 1000Base-SX 850nm multimode (SC)
[62.5/125 μ m fiber: 220 m/722 ft.]
[50/125 μ m fiber: 550 m/1804 ft.]
Link Budget 7.0 dB

CFMFF1314-220

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

CFMFF1424-220

1000Base-LX 1310nm single mode (SC)
[10 km/6.2 mi.] Link Budget: 7.0 dB
to 1000Base-LX 1310nm Extended multimode
(62.5/125 μ m fiber only) (SC)
[up to 2 km] Link Budget: 7.0 dB

CFMFF1324-220

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

Single Fiber Products

Recommended Use in Pairs

CFMFF1329-220

1000Base-SX 850nm multimode (SC)
[62.5/125 μ m fiber: 220 m/ 722 ft.]
[50/125 μ m fiber: 550 m/ 804 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

CFMFF1329-221

1000Base-SX 850nm multimode (SC)
[62.5/125 μ m fiber: 220 m/ 22 ft.]
[50/125 μ m 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