

CFMFF1xxx-200

Single Mode to Multimode Optical Mode Converter



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The CFMFF1xxx-200 chassis card extends distances up to 20 kilometers with network protocols that use 1300nm wavelength for fiber optic transmission. Distances can be extended in any networking protocol between 100 Mbps and 155 Mbps.

Ordering Information

CFMFF1313-200

1300nm multimode (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB
to 1300nm multimode (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB

CFMFF1314-200

1300nm multimode (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB
to 1310nm single mode (SC)
[20 km/12.4 mi.] Link Budget: 16.0 dB

Features

- Connect single mode fiber cable to devices with multimode ports
- Protocol Transparency
- Can be used with any Point System™ Chassis
- Link Pass Through
- Automatic Link Restoration
- Field Upgradeable Firmware
- Card Manageability:
 - Multimode/single mode signal detect
 - Hardware/software mode
 - Fiber port enable/disable multimode or single mode

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	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 B, EN55024, EN61000, FCC Class B, CE Mark
Warranty	Lifetime