

F-SM-MM-02 & SFMFF1xxx-20x

Stand-alone Fiber to Fiber Media Converter

Fiber to Fiber for Data Rates from 100Mbps to 155Mbps



F-SM-MM-02

Features

- Link Pass Through
- Automatic Link Restoration

Extend Network Distance: Extend distances up to 20 km with network protocols that use 1300nm wavelength for fiber optic transmission. In fact, distances can be extended in any networking protocol between 100 Mbps and 155 Mbps.

Save money by purchasing Fast Ethernet devices with lower cost multimode fiber interfaces and use converters to introduce single mode fiber only where you need it.

Specifications

Standards	IEEE 802.3
Status LEDs	PWR (Power): Steady green LED indicates connection to external AC power LKM or Link (Left): Lit for multimode Link LKS or Link (Right): Lit for single mode Link
Dimensions	Width: 3" [76 mm] Depth: 4.7" [119 mm] Height: 1" [25 mm]
Power Supply	External AC/DC required; 12 VDC. 0.5A Output; 120-240VAC input; unregulated; standard
Environment	Operating: 0°C to 50°C Humidity: 5% to 95% (non-condensing) Altitude: 0 – 10,000 ft.
Weight	2 lbs. [0.90 kg]
Compliance	Safety: Wall Mount Power Supply: UL Listed and CSA certified; CISPR/EN55022 Class A, EN55024, EN61000, FCC Class A, CE Mark
Warranty	Lifetime

Ordering Information

SFMFF1313-200

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

F-SM-MM-02

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

Optional Accessories (sold separately)

F-SM-MM-02:

SPS-2460-SA

Wide Input (24 - 60 VDC) Piggy Back Power Supply for the F-SM-MM-02

WMBD-FS

DIN Rail Bracket (flat, small) 3.1" [79 mm]

SFMFF1x29-20x:

SPS-2460-PS

Wide Input (24 - 60 VDC) Piggy Back Power Supply for the SFMSS1xxx-20x

WMBD-F

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

F-SM-MM-02 or SFMFF1x29-20x:

SPS-2460-SA

Wide Input (24 - 60 VDC) Stand-Alone Power Supply

E-MCR-05

12-Slot Media Converter Rack

RMS19-SA4-01

4-Slot Media Converter Shelf

WMBD

DIN Rail Bracket 5" [127 mm]

WMBL

Wall Mount Bracket 4" [102 mm]

WMBV

Vertical Wall Mount Bracket 5" [127 mm]

Power Supply Included

To order the corresponding country specific power supply, add the extension from the list below to the end of the SKU; Ex: F-SM-MM-02-NA

-NA = Country Code

- NA = North America
- LA = Latin America
- EU = Europe
- UK = United Kingdom
- SA = South America
- JP = Japan
- OZ = Australia
- BR = Brazil