

## Stand-alone Fiber to Fiber Media Converter Fiber to Fiber for Data Rates from 100Mbps to 155Mbps

The F-SM-MM-02 fiber to fiber stand-alone media converter extends distance 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.



### Features

- Link Pass Through
- Automatic Link Restoration

### 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 Consumption	3.1 Watts
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]
MTBF	51,185 hours (MIL217F2 V5.0) (MIL-HDBK-217F) 124,339 hours (Bellcore7 V5.0)
Certifications	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

#### 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)

##### WMBD-FS

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

##### SPS-2460-SA

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

##### E-MCR-05

12-Slot Media Converter Rack

##### RMS19-SA4-02

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-xx

#### -xx = Country Code

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