

stand-alone media converter

see also: Ethernet 10BASE Point System™ Slide-In-Modules

F-SM-MM-05

Ethernet

Single Mode to Multimode Media Converter



- ▶ Protocol Transparency:
500 Kbps - 30 Mbps speed range
in continuous duty cycle

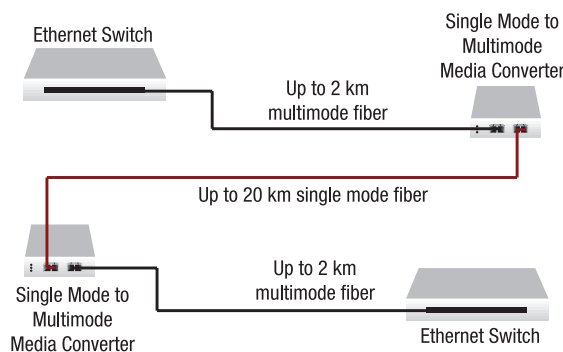
Features

- ▶ AutoCross™ [
- ▶ Link Pass Through
- ▶ Automatic Link Restoration

Extend Network Distance

Ethernet or Token Ring Networks: Connect distant networks or devices up to 20 km in an existing single mode network.

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



Specifications

Standards	IEEE Std. 802.5j
Status LEDs	PWR (Power): Lit for normal operation Link: (Left) Lit for MM link Link: (Right) Lit for SM link
Dimensions	Width: 3.0" [76 mm] Depth: 4.7" [119 mm] Height: 1.0" [25 mm]
Power	External AC/DC required; 12 VDC. 0.5A; unregulated; standard
Power Consumption	3.1 Watts
Environment	Operating temperature 0° – 50°C; 5% – 90% humidity non-condensing; 0 – 10,000 ft. altitude
Shipping Weight	2 lbs. [0.90 kg]
Safety Compliance	Wall Mount Power Supply: UL Listed and CSA certified
Regulatory Compliance	CISPR/EN55022 Class A; EN55024; EN61000; FCC Class A; CE Mark
Warranty	Lifetime

Ordering Information

F-SM-MM-05
850nm multimode (ST)
[2 km/1.2 mi.] Link Budget: 13.5 dB
to 1310nm single mode (ST)
[20 km/12.4 mi.] Link Budget: 7.0 dB

Optional Accessories (sold separately)

Wide Input (24 - 60 VDC) Power Supplies

SPS-2460-CC
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-FS
DIN Rail Bracket (flat, small) 3.1" [79 mm]

WMBL
Wall Mount Bracket 4.0" [102 mm]

WMBV
Vertical Wall Mount Bracket 5.0" [127 mm]