



mini stand-alone media converter

M/E-PSW-FX-02(xx)

Mini 10/100 Bridging Media Converter



Connect Legacy Networking Equipment

Connect an existing 10 Mbps device to 100 Mbps devices.

Eliminate Collision Domains

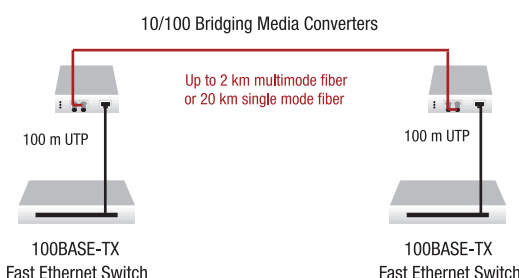
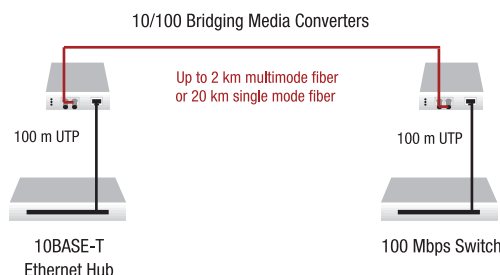
Separate Collision Domains while linking two half-duplex hubs with a collision free full-duplex connection over fiber.

The Mini Media Converters provide a cost-effective method for integrating fiber optic cabling into a 10/100 UTP environment. With its miniature size, the Mini offers a space saving alternative while it converts copper to fiber with the smallest footprint available in the industry.

Features

- Unit and Port LEDs allow for quick status information
- Auto-Negotiation
- Fixed Full-Duplex on fiber
- AutoCross™ [
- Automatic Link Restoration
- Far-End-Fault

Connect Legacy Devices & Eliminate Collision Domains



Specifications

Standards	IEEE Std. 802.3
Status LEDs	PWR (Power): (below RJ-45) ON = Link; Flashing = Activity FX-Link/Act (Fiber Link/Activity): (Upper Left on RJ-45) ON = Link; Flashing = Activity TX-Link/Act (Copper Link/Activity): (Upper Right on RJ-45) ON = Link; Flashing = Activity
Dimensions	Width: 1.8" [46 mm] Depth: 3.3" [85 mm] Height: 0.85" [22 mm]
Power Consumption	2.6 Watts
Power Sources	External AC/DC required; + 12 VDC, 0.5 A min
Operating Temp	0°C to 50°C (32°F to 122°F)
Storage Temp	-15°C to 65°C (-5°F to 149°F)
Humidity	5% – 95% humidity non-condensing
Altitude	0 – 10,000 ft. altitude
Shipping Weight	2 lbs. [0.90 kg]
Safety Compliance	Wall Mount Power Supply: UL Listed, C-UL Listed (Canada)
Regulatory Compliance	FCC Class A, CISPR22/EN55022 Class A, EN55024, CE Mark
Warranty	Lifetime

Ordering Information

Standard Power Adapter

M/E-PSW-FX-02

10/100BASE-TX (RJ-45) [100 m/328 ft.]
to 100BASE-FX 1300nm multimode (ST)
[2 km/1.2 mi.] Link Budget: 11.0 dB

M/E-PSW-FX-02(SC)

10/100BASE-TX (RJ-45) [100 m/328 ft.]
to 100BASE-FX 1300nm multimode (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB

M/E-PSW-FX-02(SM)

10/100BASE-TX (RJ-45) [100 m/328 ft.]
to 100BASE-FX 1310nm SM (SC)
[20 km/12.4 mi.] Link Budget: 16.0 dB

M/E-PSW-FX-02(100)

10/100BASE-TX (RJ-45) [100 m/328 ft.]
to 100BASE-FX 1310nm TX/1550nm RX
single fiber single mode (SC)
[20 km/12.4 mi.] LB: 19.0 dB

M/E-PSW-FX-02(101)

10/100BASE-TX (RJ-45) [100 m/328 ft.]
to 100BASE-FX 1550nm TX/1310nm RX
single fiber single mode (SC)
[20 km/12.4 mi.] LB: 19.0 dB

M/E-PSW-FX-02(102)

10/100BASE-TX (RJ-45) [100 m/328 ft.]
to 100BASE-FX 1310nm TX/1550nm RX
single fiber single mode (SC)
[40 km/24.9 mi.] LB: 25.0 d

M/E-PSW-FX-02(103)

10/100BASE-TX (RJ-45) [100 m/328 ft.]
to 100BASE-FX 1550nm TX/1310nm RX
single fiber single mode (SC)
[40 km/24.9 mi.] LB: 25.0 d

Optional Accessories (sold separately)

Wide Input Power Supplies

SPS-2460-SA
Mounting Options

WMBM

Wall Mount Bracket for Mini

RMBM

Rack Mount Bracket for use with
RMS19-SA4-01 and/or E-MCR-05