Stand-Alone

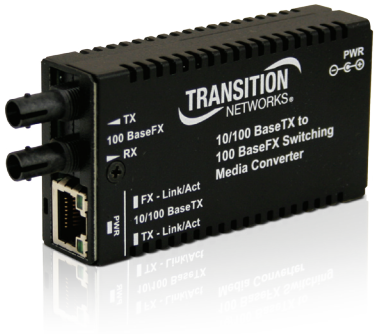
10/100 Bridging 10/100BASE-FX to 100BASE-X

AUTO NEG | AUTO CROSS | FAR END FAULT | AUTO LINK RESTORE

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.

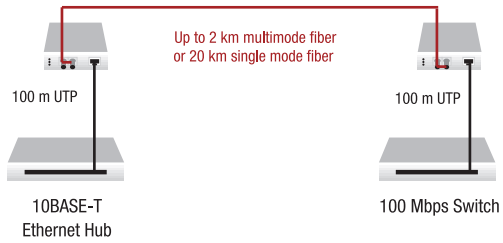
The Mini Media Converters provide a cost-effective method for integrating fiber optic cabling into a 10/100 UTP environment. With its miniature size, the Mini offers a space saving alternative while it converts copper to fiber with the smallest footprint available in the industry.

Features

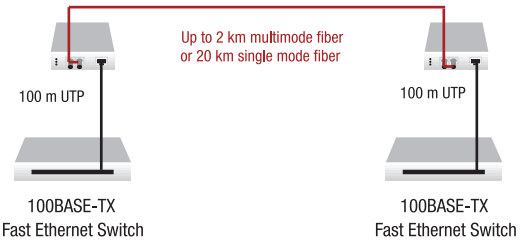
- Unit and Port LEDs allow for quick status information
- Auto-Negotiation
- Fixed Full-Duplex on fiber
- AutoCross™ [
- Automatic Link Restoration
- Far-End-Fault

Connect Legacy Devices & Eliminate Collision Domains

10/100 Bridging Media Converters



10/100 Bridging Media Converters



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

TRANSITION NETWORKS