



mini stand-alone media converter

M/E-TX-FX-01

Mini Fast Ethernet Media Converter



Fiber Integration

Used in pairs or as a single unit, this mini media converter will ease the integration of fiber optic cabling into copper-rich Fast Ethernet environments

Extend Network Distance

Fiber supports the transmission of Fast Ethernet data over much longer distances than is possible twisted pair

Low-Latency Design

As a layer-1 design, this Mini converter will retransmit Fast Ethernet signals without any store-and-forward packet inspection delays found in other layer-2 devices

Small Size

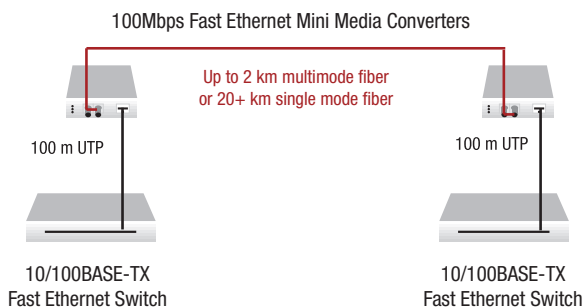
Ideal for conversion locations where available space is at a premium

- 65% smaller than standard media converter

Features

- ▶ Auto-Negotiation
- ▶ AutoCross™
- ▶ Far End Fault
- ▶ Automatic Link Restoration
- ▶ Interoperable with other 100Base-TX/FX NICs, hubs, or switches
- ▶ Status LEDs for easy monitoring
- ▶ Supports SFP modules
- ▶ Supports Jumbo Frames up to 9016bytes

Extend Network Distance



Specifications

Standards	IEEE Std. 802.3u, 100Base-TX and 100Base-FX
Status LEDs	PWR (Power) below RJ-45: On = Power 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" (46mm) Depth: 3.3" (85mm) Height: 0.85 (22mm)
Power Consumption	2.6 watt
Power Sources	External AC/DC required; +12VDC, 0.5A
Power Input	7.5VDC to 13.9VDC
Environment	Storage Temp: -15 to +65 degrees C Operating Temp: 0 to +50 degrees C Altitude: 0 - 10,000 feet Humidity: 5% to 95% non-condensing
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

M/E-TX-FX-01

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

M/E-TX-FX-01(SC)

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

M/E-TX-FX-01(SM)

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

M/E-TX-FX-01(SFP)

100BASE-TX (RJ-45) [100m/328 ft.] to 100BASE-X SFP Slot (empty)

M/E-TX-FX-01(100)

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-TX-FX-01(101)

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

Longer transmission distances, bi-directional transmissions, and CWDM technology are all supported via specific SFP modules

Optional Accessories (sold separately)

SFP Modules

Transition Networks offers a wide range of 100Mbps Fast Ethernet SFP Modules

Wide Input DC Power Supply

SPS-2460-SA

24VDC to 60VDC input Stand-alone Power Supply

Mounting Options

WMBM

Wall Mount Bracket for Mini

RMBM

Rack Mount Bracket for Mini, use with RMC190SA4-01 and/or E-MCR-05