

stand-alone media converter

E-100BTX-FX-05(xxHT)

Fast Ethernet Media Converter



Connect Remote Devices

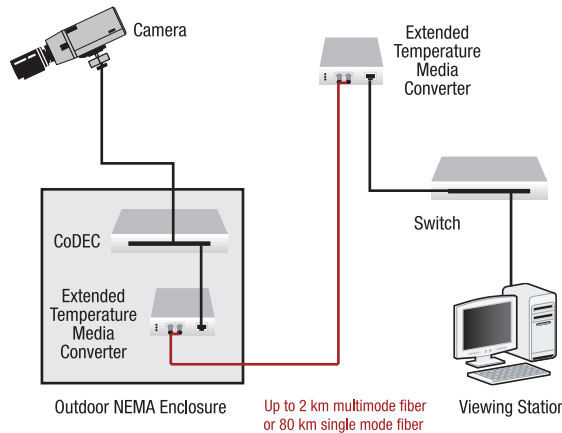
Connect remote devices such as IP based surveillance cameras or signaling equipment in a non-climate controlled enclosure. Deliver 100 Mbps data access in residential or commercial environments inside a non-climate controlled pedestal enclosure.

This converter can also be deployed in industrial environments where excessive heat may be a concern. (Note that this device is rated to meet "temperature" requirements of industrial environments only.)

Features

- ▶ Extended Temperature Capable: Designed to operate in environments where ambient temperatures can rise as high as 65°C (149°F)
- ▶ Auto-Negotiation
- ▶ AutoCross™ [
- ▶ Link Pass Through
- ▶ Far-End-Fault Detection
- ▶ Automatic Link Restoration
- ▶ Pause

Extended Temperature Applications (to 65°C)



Specifications

Standards	IEEE Std. 802.3, 100BASE-FX, 100BASE-TX
Jumpers	Jumper Block 1: AutoCross™ enable
Switches	SW1: Auto-Negotiation On/Off SW2: Pause TX On/Off SW3: LPT On/Off SW4: FEF On/Off
Status LEDs	PWR (Power): Lit for normal operation SDF (Signal Detect Fiber): Lit for fiber link SDC (Signal Detect Copper): Lit for copper link RXF (Receive Fiber): Flashing = RX data RXC (Receive Copper): Flashing = RX data
Dimensions	Width: 3.0" [76 mm] Depth: 4.7" [119 mm] Height: 1.0" [25 mm]
Power	External AC/DC required; 9 VDC. 1.0A; unregulated; standard
Environment	-25°C to +65°C; 5% – 95% 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	FCC Class A; EN55024; EN55022 Class A; EN61000; CE Mark
Warranty	Lifetime

Ordering Information

E-100BTX-FX-05(HT)
100BASE-TX (RJ-45) [100 m/328 ft.]
to 100BASE-FX 1300nm multimode (ST)
[2 km/1.2 mi.] Link Budget: 11.0 dB

E-100BTX-FX-05(SCHT)
100BASE-TX (RJ-45) [100 m/328 ft.]
to 100BASE-FX 1300nm multimode (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB

E-100BTX-FX-05(SMHT)
100BASE-TX (RJ-45) [100 m/328 ft.]
to 100BASE-FX 1310nm SM (SC)
[20 km/12.4 mi.] Link Budget: 16.0 dB

E-100BTX-FX-05(LHHT)
100BASE-TX (RJ-45) [100 m/328 ft.]
to 100BASE-FX 1310nm SM (SC)
[40 km/24.9 mi.] Link Budget: 26.0 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

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]