Stand-Alone

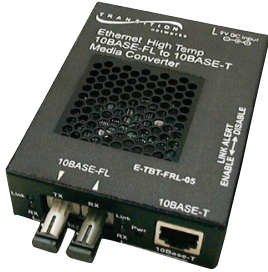**Ethernet 10BASE-T to 10BASE-FL Extended Temperature**

stand-alone media converter

E-TBT-FRL-05(xxHT)

Ethernet

Ethernet Copper to Fiber Media Converter
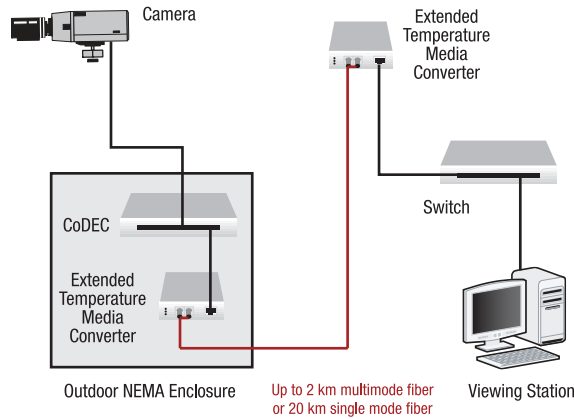

Connect Remote Devices

Connect remote devices such as IP based surveillance cameras or signaling equipment in a non-climate controlled enclosure. Deliver 10 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

▶ Connect legacy coax devices to a 10BASE-T network

▶ Extended Temperature Capable: Designed to operate in environments where ambient temperatures can rise as high as 70°C (158°F)

▶ AutoCross™ [

▶ Link Pass Through

▶ Automatic Link Restoration

Extended Temperature Applications (to 70°C)

Camera

Extended Temperature Media Converter

Switch

CoDEC

Extended Temperature Media Converter

Outdoor NEMA Enclosure

Up to 2 km multimode fiber or 20 km single mode fiber

Viewing Station

Specifications

Standards	IEEE Std. 802.3; 10BASE-T; 10BASE-FL
Switch	**S1:** Enables/disables Link Pass Through
Status LEDs	**PWR (Power):** On for normal operation **Link:** Steady LED indicates unit is receiving link pulses from a compliant device **Receive:** Flashing or lit LED indicates packets are being received
Dimensions	**Width:** 3.0" [76 mm] **Depth:** 3.9" [99 mm] **Height:** 1.0" [25 mm]
Power	External AC/DC required; 9 VDC. 1.0A; unregulated; standard
Environment	-25°C to +70°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	CISPR22/EN55022 Class A; FCC Class; CE Mark
Warranty	Lifetime

Ordering Information

E-TBT-FRL-05(HT)
  10BASE-T (RJ-45) **[100 m/328 ft.]**
to 10BASE-FL 850nm multimode (ST)
  [2 km/1.2 mi.] Link Budget: 13.5 dB

E-TBT-FRL-05(SCHT)
  10BASE-T (RJ-45) **[100 m/328 ft.]**
to 10BASE-FL 850nm multimode (SC)
  [2 km/1.2 mi.] Link Budget: 13.5 dB

E-TBT-FRL-05(XCHT)
  10BASE-T (RJ-45) **[100 m/328 ft.]**
  10BASE-FL 1310nm single mode (SC)
  [20 km/12.4 mi.] Link Budget: 14.0 dB

Optional Accessories (sold separately)

Wide Input (24 - 60 VDC) Power Supplies

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]

WMBS
  Wall Mount Bracket 3.2" [81 mm]

WMBV
  Vertical Wall Mount Bracket 5.0" [127 mm]