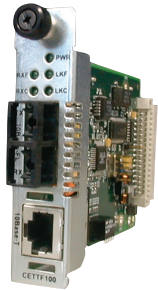


CETTF Series

Point System™ Ethernet Media Converter Module

10Base-T to 10Base-FL



CETTF1013-105

Features

- Can be used with any Point System™ Chassis
- Auto-MDI/MDIX
- Link Pass Through
- Automatic Link Restoration
- Field Upgradeable Firmware
- Integrate mixed cabling environments in either switched or shared Ethernet networks.
- Connect legacy 10Base-T devices to a fiber based cabling infrastructure.

Extend Network Distance:

Two 10Base-T to 10Base-FL Media Converters used back-to-back extend the distance between two 10Base-T devices up to 5 km (3.1 mi.) using multimode fiber, up to 40 km (24.9 mi.) using single mode fiber without a repeater.

Connect Unlike Devices:

Connect your workgroup to a distant server or a central switch; or extend distances between like and unlike devices in either full or half-duplex modes.

Specifications

Standards	IEEE 802.3
4-position Switch	Fiber Port: Enables/disables network traffic on the fiber port; (Up = enabled) Copper Port: Enables/disables network traffic on the copper port; (Up = enabled) Auto-MDI/MDIX: Enables/disables Auto-MDI/MDIX function; (Up = enabled) Link Pass Through: Enables/disables Link Pass Through function; (Up = enabled)
3-position Jumper	Hardware: Converter mode is determined by 4-position switch settings Software: Converter mode is determined by most recently saved on-board microprocessor setting
Status LEDs	PWR (Power): On for normal operation; LKF (Link Fiber): Steady LED indicates good fiber link and normal operation; RXF (Receive Fiber): Flashing LED indicates data reception on fiber link; LKC (Link Copper): Steady LED indicates good copper link and normal operation; RXC (Receive Copper): Flashing LED indicates data reception on copper link
Dimensions	Width: 0.86" [22 mm] Depth: 5" [127 mm] Height: 3.4" [86 mm]
Power Consumption	2.3 Watts
Environment	Environment specs are dependent on the chassis chosen Operating: 0°C to 50°C Humidity: 5% to 95% (non-condensing) Altitude: 0 – 10,000 ft.
Weight	1 lb. [0.45 kg]
Compliance	EN55022, EN55024, EN61000, CE Mark, Class A
Warranty	Lifetime

Ordering Information

CETTF1011-105

10Base-T (RJ-45) [100 m/328 ft.]
to 10Base-FL 850nm multimode (ST)
[2 km/1.2 mi.] Link Budget: 13.5 dB

CETTF1013-105

10Base-T (RJ-45) [100 m/328 ft.]
to 10Base-FL 850nm multimode (SC)
[2 km/1.2 mi.] Link Budget: 13.5 dB

CETTF1014-105

10Base-T (RJ-45) [100 m/328 ft.]
to 10Base-FL 1310nm single mode (SC)
[20 km/12.4 mi.] Link Budget: 15.0 dB

Single Fiber Products

Recommended use in pairs

CETTF1029-105

10Base-T (RJ-45) [100 m/328 ft.]
to 10Base-FL 1310nm TX/1550nm RX single
fiber single mode (SC) [20 km/12.4 mi.]
Link Budget: 19.0 dB

CETTF1029-106

10Base-T (RJ-45) [100 m/328 ft.]
to 10Base-FL 1550nm TX/1310nm RX
single fiber single mode (SC) [20 km/12.4 mi.]
Link Budget: 19.0 dB