

CFETF10xx-110

Fast Ethernet Class A Media Converter



GOING



OBSOLETE

Features

- Round trip delay of only 40 bit times, far below the Class II rating of 92 bit times
- Auto-Negotiation
- Auto-MDI/MDIX
- Link Pass Through
- Automatic Link Restoration
- Field Upgradable Firmware

Specifications

Standards	IEEE 802.3
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 settings
4-position Switch	1. Auto-Negotiation (UP = enabled): Allows detection of, and adaptation to, full-duplex or half-duplex mode in device attached to copper link 2. Link Pass Through (UP = enabled): Allows a fault EITHER on the copper OR on the fiber side of the media converter to stop signal and data transmission on the other side 3. Auto-MDI/MDIX (UP = enabled): Allows straight-through twisted pair cable to be used for crossover connections 4. Not Used
Status LEDs	Power: Indicates that DC power is connected TX (Link Copper): ON indicates TP link; Blinking indicates TP receive; FX (Link Fiber): ON indicates fiber link; Blinking indicates Fiber receive
Dimensions	Width: 0.86" [22 mm] Depth: 5" [127 mm] Height: 3.4" [86 mm]
Power Consumption	2.5 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	FCC Class A, CISPR Class A, CE mark
Warranty	Lifetime

Ordering Information

CFETF1011-110

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

CFETF1013-110

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

CFETF1014-110

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

CFETF1040-110

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

Single Fiber Products

CFETF1029-110

100Base-TX (RJ-45) [100 m/328 ft.]
to 100Base-FX1310nm TX/1550nm RX
single fiber single mode (SC)
[20 km/12.4 mi.] Link Budget: 19.0 dB

CFETF1029-111

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.] Link Budget: 19.0 dB

Optional Accessories (sold separately)

SFP Modules