AUTO NEG | AUTO CROSS | LINK PASS THRU | AUTO LINK RESTORE | REMOTE FIRMWARE UPGRADE | NEW PRODUCT

CFETF10xx-110

Fast Ethernet Class A Media Converter

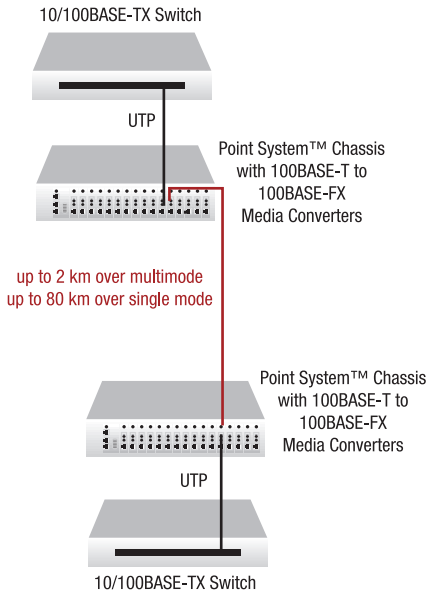
- Integrate fiber into a 100BASE -TX copper environment
- Provides a fiber interface when connected to devices with RJ-45 ports

Features

- Round trip delay of only 40 bit times, far below the Class II rating of 92 bit times
- Auto-Negotiation
- AutoCross™
- Link Pass Through
- Automated Link Restoration
- Remote Firmware Upgrade
- Can be used with any Point System™ Chassis

Extend Network Distance

Deploy fiber in a strategic and economical manner by using Fast Ethernet converters, which can extend to distances that copper cannot reach.



Specifications

Standards	IEEE Std. 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	**1st) Auto-Negotiation (UP = enabled):** Allows detection of, and adaptation to, full-duplex or half-duplex mode in device attached to copper link **2nd) 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 **3rd) AutoCross™ (UP = enabled):** Allows straight-through twisted pair cable to be used for crossover connections **4th) 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:** 5.0" [127 mm] **Height:** 3.4" [86 mm]
Power Consumption	2.5 Watts
Environment	See chassis specifications
Shipping Weight	1 lb. [0.45 kg]
Regulatory Compliance	CE Mark, FCC Class A; CISPR Class A; VCCI Class 1
Warranty	Lifetime

Ordering Info [Class A]

CFETF1011-110
100BASE-TX (RJ-45) **[100 m/328 ft.]**
to 100BASE-FX 1300 nm MM (ST)
[2 km/1.2 mi.] Link Budget: 11.0 dB

CFETF1013-110
100BASE-TX (RJ-45) **[100 m/328 ft.]**
to 100BASE-FX 1300 nm MM (SC)
[2 km/1.2 mi.] Link Budget: 11.0 dB

CFETF1014-110
100BASE-TX (RJ-45) **[100 m/328 ft.]**
to 100BASE-FX 1310 nm SM (SC)
[20 km/12.4 mi.] Link Budget: 16.0 dB

CFETF1015-110
100BASE-TX (RJ-45) **[100 m/328 ft.]**
to 100BASE-FX 1310 nm SM (SC)
[40 km/24.9 mi.] Link Budget: 29.0 dB

CFETF1016-110
100BASE-TX (RJ-45) **[100 m/328 ft.]**
to 100BASE-FX 1310 nm SM (SC)
[60 km/37.3 mi.] Link Budget: 29.0 dB

CFETF1017-110
100BASE-TX (RJ-45) **[100 m/328 ft.]**
to 100BASE-FX 1550 nm SM (SC)
[80 km/49.7 mi.] Link Budget: 29.0 dB

CFETF1040-110
100BASE-TX (RJ-45) **[100 m/328 ft.]**
to 100BASE-X SFP slot (empty)

Optional Accessories
(sold separately)

SFP Modules

FCC & CISPR Class A devices comply with radiated emissions standards for commercial applications in the United States (FCC Class A) and Europe (CISPR Class A).

FCC & CISPR Class B devices comply with radiated emissions standards for residential applications in the United States (FCC Class B) and Europe (CISPR Class B).

[See CFETF10xx-205 for Class B product.]

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