AUTO NEG · AUTO CROSS · LINK PASS THRU · AUTO LINK RESTORE · FIELD UPGRADEABLE FIRMWARE

point system™ slide-in-module media converter

CFETF10xx-110

Fast Ethernet

Fast Ethernet Class A Media Converter

Ordering Info [Class A]

CFETF1011-110
100BASE-TX (RJ-45) **[100 m/328 ft.]**
to 100BASE-FX 1300nm 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 1300nm 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 1310nm 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 1310nm 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 1310nm 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 1550nm 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

▶ 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

▶ Automatic Link Restoration
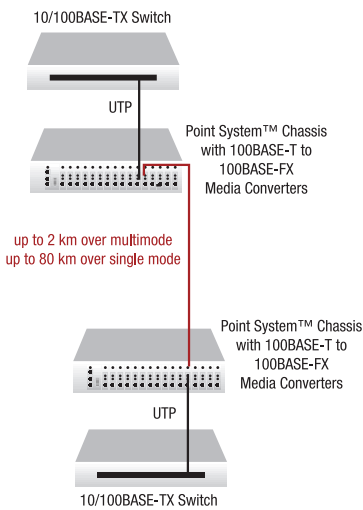
▶ Field Upgradeable Firmware

▶ 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	**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. AutoCross™ (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:** 5.0" [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

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.]