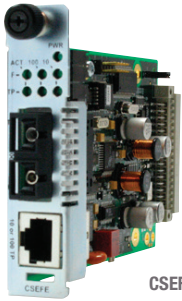


# CSEFE1014-100

## Point System™ Speed Selectable Media Converter Module

### 10Base-T to 10Base-FL or 100Base-TX to 100Base-FX



CSEFE1014-100

The CSEFE chassis card is a speed selectable copper to fiber media converter. The ability to select the speed of converter allows for easy migration from a 10 Mbps network today to a 100 Mbps network in the future. This converter is a true Layer 1 device as both the copper and fiber ports operate at the same speed setting (i.e. 100Base-T to 100Base-FX). For 10 Mbps applications, these devices must be used in pairs.

### Ordering Information

#### CSEFE1014-100

10Base-T or 100Base-TX (RJ-45)  
[100 m/328 ft.]  
to 10Base-FL or 100Base-FX  
1310nm single mode (SC) [20 km/12.4 mi.]  
Link Budget: 17.0 dB

### Features

- Auto-MDI/MDIX
- Automatic Link Restoration
- Field Upgradeable Firmware
- Supports single mode fiber
- Report local converter status to chassis:
  - Copper/fiber link status
  - Hardware/Software mode
  - 10 Mbps or 100 Mbps speed setting
  - Link Pass Through on/off setting
- Write operation includes:
  - Enable/disable Link Pass Through
  - Set speed to 10 Mb or 100 Mb
  - Can be used with any Point System™ Chassis

### Specifications

Standards	IEEE 802.3
Switches	Switch 1: Link Pass Through on/off Switch 2: 10 Mbps or 100 Mbps operation
3-position Jumper	Hardware: Converter mode is determined by Dip switch settings Software: Converter mode is determined by most recently saved on-board microprocessor settings
Status LEDs	PWR (Power): Lit for normal operation F-ACT (Fiber Activity): Blinking = data reception on the fiber link F-100 (Fiber Speed): ON = link at 100 Mbps F-10 (Fiber Speed): ON = link at 10 Mbps C-ACT (Copper Activity): Blinking = data reception on the copper link C-100 (Copper Speed): ON = link at 100 Mbps C-10 (Copper Speed): ON = link at 10 Mbps
Dimensions	Width: 0.86" [22 mm] Depth: 5" [127 mm] Height: 3.4" [86 mm]
Power Consumption	3.6 Watts
Environment	<b>Environment specs are dependent on the chassis chosen</b> Operating: 0°C to 50°C Humidity: 5% to 95% (non-condensing) Altitude: 0 – 10,000 ft.
Weight	1 lb. [0.45 kg]
Compliance	CISPR/EN55022 Class B, EN55024, EN60950 Class B, FCC Class B, CE Mark
Warranty	Lifetime