CTGFF Series

Point System™ 10 Gigabit Ethernet Media Converter Module

10GBase-X to 10GBase-X

CTGFF4747-100

The CTGFF chassis card 10 Gigabit Ethernet fiber to fiber media converter is a (2) port 10G SFP pluggable media converter, supporting a variety of XFP and SFP+ modules. The use of these SFPs allows network designers to utilize the module to meet their network requirements.

The media converter can use either Transition Networks' or a third party's MSA compatible 10G XFP or SFP+ modules.

This converter provides 3R (Reamplify, Reshape, and Retime) optical signal regeneration.

Ordering Information

CTGFF4747-100
(2) Port 10GBase-xx open XFP to XFP Slot (empty)

CTGFF4848-100
(2) Port 10GBase-xx open SFP+ to SFP+ Slot (empty)

Optional Accessories (sold separately)

SFP or XFP Modules
Supports both SFP or XFP Modules

Features

- Supports 10 Gigabit Ethernet Fiber to Fiber full-duplex conversion
- LED Link Status Indicators
- Link Pass Through
- Automatic Link Restoration
- Loopback
- Supports +5V, +3.3V, and +1.8V MSA compliant XFP modules
- Supports 3R (Reamplify, Reshape, and Retime) optical signal regeneration
- For use in all Point System™ Chassis' except for the 1-Slot Chassis
- Manageable when installed in a managed Point System™ Chassis
- Supports 10GBase-Cx4 modules in the CTGFF4747-100

Specifications

Standards	IEEE 802.3ae
	IEEE 802.3ak
	IEEE 802.3ag
	IEEE 802.3
	IEEE 802.3x
Data Rate	10 Gbps
Dip Switches	SW1- Port 1 mode
	UP: Limiting (xR); DOWN: Linear (LRM)
	SW2- Port 2 mode
	UP: Limiting (xR); DOWN: Linear (LRM)
	SW3- LPT UP: Enabled
	DOWN: Disabled
	SW4-Interface loopback, forces each fiber to loop its RX to TX
Status LED	PWR (power): GREEN- power on
	1LNK- fiber #1 link: GREEN- On link
	1ACT- fiber #1 activity/fault: GREEN- BLINK activity, YELLOW- Fault
	2LNK- fiber #2 link: GREEN- On link
	2ACT- fiber #2 activity/fault: GREEN- BLINK activity, YELLOW- Fault
Dimensions	Width: 1.72" [44 mm]
	Depth: 5" [127 mm]
	Height: 3.4" [86 mm]
Power Consumption	7 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, EN55024 (CISPR22), Class A, CE Mark, EN55022 Class A
Warranty	Lifetime