STGFF Series

Stand-alone 10 Gigabit Ethernet Media Converter

10GBase-X to 10GBase-X

TRANSITION NETWORKS®

The STGFF stand-alone 10 Gigabit Ethernet fiber to fiber media converter is a (2) port 10G SFP pluggable media converter. The STGFF supports a variety of XFP and SFP+ modules, which allow 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.

STGFF4848-100

Ordering Information

STGFF4747-100
  (2) Port 10GBase-xx open XFP
  to XFP Slot (empty)

STGFF4848-100
  (2) Port 10GBase-xx open SFP+
  to SFP+ Slot (empty)

Optional Accessories (sold separately)

Wide Input (24 - 60 VDC) Power Supplies

SPS-2460-SA
  Stand-Alone Power Supply

Mounting Options

WMBD
  DIN Rail Bracket 5" [127 mm]

WMBD-F
  DIN Rail Bracket (flat) 3.3" [84 mm]

WMBL
  Wall Mount Bracket 4" [102 mm]

WMBV
  Vertical Wall Mount Bracket 5" [127 mm]

Features

- Supports 10 Gigabit Ethernet Fiber to Fiber full-duplex conversion
- LED Link Status Indicators
- Link Pass Through
- Full-Duplex
- Automatic Link Restoration
- Loopback
- Supports +5V, +3.3V, and +1.8V MSA compliant XFP modules
- Supports 3R (Reamplify, Reshape, Retime) optical signal regeneration
- Supports 10GBase-CX4 modules in the STGFF4747-100

Specifications

Standards	IEEE 802.3ae IEEE 802.3ak IEEE 802.3ag IEEE 802.3 IEEE 802.3x Multisource Agreement (MSA) XFP and SFP+
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- Link Pass Through UP: Enabled; DOWN: Disabled SW4-Interface loopback, forces each fiber to loop its RX to TX
Status LEDs	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
Power Supply	12 VDC barrel
Environment	Operating: 0°C to 50°C NOTE: dependent on ratings of the XFP and SFP+ modules used
Weight	1 lb. [0.45 kg]
Compliance	FCC Class A, EN55024 (CISPR22) Class A, CE Mark, EN55022 Class A
Warranty	Lifetime

Power Supply Included

To order the corresponding country specific power supply, add the extension from the list below to the end of the SKU; Ex: STGFF4747-100-NA

-NA = Country Code
-NA = North America
-LA = Latin America
-EU = Europe
-UK = United Kingdom
-SA = South Africa
-JP = Japan
-OZ = Australia
-BR = Brazil