TN-XFP-10Gxxx Series

Cisco Compatible 10GBase XFP Modules

10GBase-X/10G Fiber Channel/OC-192 (LC) With DMI

TRANSITION NETWORKS ®

TN-XFP-10G-MM-SR

Applications include: 10G Ethernet Switches and Routers, 10G Fiber Channel Switch Infrastructure, SONET / SDH Application, and Metro Edge Switching.

Features

- Hot-Pluggable XFP Optical Transceiver with LC connector
- 10G Small Form-Factor Pluggable (XFP) MSA Compliant
- Compliant with XFP Multi-Sourcing Agreement (MSA)
- INF-8077i Digital Diagnostic Function (DMI)
- Maximum Link Length of 80 km
- Support both +3.3V and +5V Power Supply
- Low Power Dissipation < 3 Watts
- RoHS Compliant
- Compliant with 10G Fiber Channel 1200-MX-SN-I
- Compliant with SONET OC-192 / SDH STM-64
- Compliant with 10GBase-LR/LW/ER/EW/ZR/ZW (TN-XFP-10GxR Modules Only)
- 1200-SM-LL-L Compliant with SONET (TN-XFP-10G-MM-SR Module Only)
- Compliant with 10GBase-SR/SW (TN-XFP-10G-MM-SR Module Only)

Specifications

Standards	IEEE 802.3ae
Output Wavelength	-5.5nm < λ_c < +7.5nm
Dimensions	Width: 0.52" [13 mm] Depth: 2.18" [55 mm] Height: 0.33" [8 mm]
Power Input	3.3V, 5V
Environment	Operating: -5°C to 70°C Storage: -40°C to 85°C
Compliance	IEC-60825, FDA 21, CFR 1040.10 and 1040.11
Warranty	Lifetime

Note: The Transition Networks TN-XFP-10Gxxx 10G small form factor pluggables (XFPs) are Cisco Compliant* and are designed for bi-directional serial-optical data communications such as 10G Ethernet, or 10G Fiber Channel.

*Transition Networks' XFP modules fully comply with the Multi-Sourcing Agreement (MSA). This compliance allows our XFP modules to be used in all other MSA compliant XFP platforms. In addition, TN-XFP-10Gxxx modules are also Compliant with all Cisco XFP-based equipment, as well as Cisco's IOS software. Transition Networks XFP modules ARE NOT Cisco OEM brand modules.

Ordering Information

Duplex

TN-XFP-10G-MM-SR
10GBase-SR/SW / 10G Fiber Channel / OC-192 850nm multimode (LC) with DMI [62.5/125 uM (OM1): 33 m/108 ft.] [50/125 uM (OM2): 82 m/269 ft.] [50/125 uM (OM3): 300 m/985 ft.] Link Budget: 4.5 dB

TN-XFP-10GLR-OC192SR
10GBase-LR/LW 10G Fiber Channel OC-192 1310nm single mode (LC) with DMI [10 km/6.2 mi.] Link Budget: 9.4 dB

TN-XFP-10GER-OC192IR
10GBase-ER/EW 10G Fiber Channel OC-192 1550nm single mode (LC) with DMI [40 km/24.9 mi.] Link Budget: 15.5 dB

TN-XFP-10GZR-OC192LR
10GBase-ZR/ZW / 10G Fiber Channel OC-192 1550nm single mode (LC) with DMI [80 km/49.7 mi.] Link Budget: 24.0 dB

SFPs & CWDM