NEW PRODUCT

xfp modules

TN-XFP-xxx-xxx

XFP Modules: 10G XFP Cisco Compatible

Applications

▸ 10G Ethernet Switches and Routers
▸ 10G Fibre Channel Switch Infrastructure
▸ SONET / SDH Application
▸ Metro Edge Switching

Features

▸ Hot-Pluggable XFP Optical Transceiver with LC connector
▸ 10G small Form-Factor Pluggable (XFP) MSA compatible
▸ Compliant with XFP Multi-Sourcing Agreement (MSA)
▸ INF-8077i Digital Diagnostic Function (DMI)
▸ Maximum Link Length of 80KM
▸ Support both +3.3 V and +5 V Power Supply
▸ Low Power Dissipation < 3W
▸ RoHS Compliant (all models)
▸ Class 1 Laser International Safety Standard IEC 60825 Compliant

Specifications

Standards	IEEE802.3ae
Output Wavelength	$-5.5nm < \lambda_c < +7.5nm$
Dimensions	**Width:** 0.52" [13 mm] **Depth:** 2.18" [55 mm] **Height:** 0.33" [8 mm]
Power	3.3V, 5V
Environment	-5°C to 70°C operating -40°C to 85°C storage
Compliance	IEC-60825; FDA 21; CFR 1040.10 and 1040.11
Warranty	Lifetime

Additional Features

▸ **TN-XFP-10G-MM-SR Module**

Compliant with IEEE802.3ae
10GBase-SR/SW
Compliant with 10G Fibre Channel
1200-MX-SN-I

▸ **TN-XFP-10Gxx-OC192xx Module**

Compliant with IEEE802.3ae
10Base-LR/LW/ER/EW/ZR/ZW
Compliant with 10G Fibre Channel
1200-SM-LL-L Compliant with SONET
OC-192 / SDH STM-64

Ordering Information

TN-XFP-10G-MM-SR
10GBase-SR/SW / 10G Fiber Channel / OC-192 MM (LC)
[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 Fibre Channel OC-192 single mode (LC)
[10 km/6.2 mi.] Link Budget: 9.4 dB

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

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

TN-XFP-10GLR2-OC192S
10GBase-LR/LW / 10G Fibre Channel OC-192 1310nm single mode (LC)
[20 km/12.4 mi.] Link Budget: 9.0 dB

TN-XFP-10G-U
10GBase-LR/LW / 10G Fibre Channel 1270 TX/1330 RX simgle fiber single mode (LC)
[10 km/6.2 mi.] Link Budget: 9.0 dB

TN-XFP-10G-D
10GBase-LR/LW / 10G Fibre Channel 1330TX/1270 RX single fiber single mode (LC)
[10 km/6.2 mi.] Link Budget: 9.0 dB

TN-XFP-10G-U-40
10GBase-BX / 10G Fibre Channel 1270 TX/1330 RX simgle fiber single mode (LC)
[40 km/24.9 mi.] Link Budget: 15.0 dB

TN-XFP-10G-D-40
10GBase-BX / 10G Fibre Channel 1330TX/1270 RX single fiber single mode (LC)
[40 km/24.9 mi.] Link Budget: 15.0 dB

Note: The Transition Networks TN-XFP-xxx-xxx 10G small form factor pluggables (XFPs) are Cisco Compatible and are designed for bi-directional serial optical data communications such as 10G Ethernet, or 10G Fibre 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-xxx-xxx modules are also compatible with all Cisco XFP-based equipment, as well as Cisco's IOS software. TN XFP modules ARE NOT Cisco OEM brand modules.