

TN-XFP-10G-x Series

Cisco Compatible 10GBase XFP Modules

10GBase-X/10G Fiber Channel Single Fiber Single Mode (LC) With DMI



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 80KM
- Support both +3.3V and +5V Power Supply
- Low Power Dissipation < 3 Watts
- RoHS Compliant

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-10G-x 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-10G-x 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

Simplex

TN-XFP-10G-U

10GBase-LR/LW / 10G Fiber Channel
1270nm TX/1330nm RX single fiber
single mode (LC) with DMI
[10 km/6.2 mi.] Link Budget: 9.0 dB

TN-XFP-10G-D

10GBase-LR/LW / 10G Fiber Channel
1330nm TX/1270nm RX single fiber
single mode (LC) with DMI
[10 km/6.2 mi.] Link Budget: 9.0 dB

TN-XFP-10G-U-40

10GBase-BX / 10G Fiber Channel
1270nm TX/1330nm RX single fiber
single mode (LC) with DMI
[40 km/24.9 mi.] Link Budget: 15.0 dB

TN-XFP-10G-D-40

10GBase-BX / 10G Fiber Channel
1330nm TX/1270nm RX single fiber
single mode (LC) with DMI
[40 km/24.9 mi.] Link Budget: 15.0 dB