



TN-SFP-LX Series

MSA Compliant 1000Base Fiber Channel SFP Modules

1000Base-LX Single Mode (LC)



Applications include: Gigabit Ethernet Switches and Routers, Fiber Channel Switch Infrastructure, xDSL Applications, and Metro Edge Switching.

Features

- Hot-Pluggable SFP Footprint Optical Transceiver
- Digital Diagnostic Function
- Class 1 Laser International Safety Standard IEC-60825 Compliant
- Compliant with SFP Multi-Sourcing Agreement (MSA)

Specifications

Standards	IEEE 802.3
Dimensions	Width: 0.52" [13 mm] Depth: 2.18" [55 mm] Height: 0.33" [8 mm]
Power Consumption	0.66 Watts
Power Input	3.3V
Environment	Operating: 0°C to 70°C Operating: -10°C to 85°C (TN-SFP-LX1) Operating: -40°C to 85°C (TN-SFP-LX1T)
Compliance	IEC-60825, FDA 21, CFR 1040.10 and 1040.11
Warranty	Lifetime

Note: Per Cisco Systems' literature, the Cisco switches with SFP slots do not accept modules other than Cisco's own SFPs. The Cisco switch identifies the manufacturer ID along with the part number and blocks operations to this port for non-Cisco interfaces.

Transition Networks' SFP units fully comply with Multi-Sourcing Agreement (MSA). This compliance allows Transition Networks' SFP modules to be used on other MSA-compliant SFP platforms without any problems.

Ordering Information

Duplex

- TN-SFP-LX1**
1000Base-LX 1310nm single mode (LC) with DMI [10 km/6.2 mi.] Link Budget: 11.5 dB
- TN-SFP-ELX1**
1000Base-LX 1310nm single mode (LC) [10 km/6.2 mi.] Link Budget: 11.5 dB
- TN-SFP-ELX1-PK**
Pack of (20) TN-SFP-ELX1
- TN-SFP-LX3**
1000Base-LX 1310nm single mode (LC) with DMI [30 km/18.6 mi.] Link Budget: 19.0 dB
- TN-SFP-LX5**
1000Base-LX 1550nm single mode (LC) with DMI [50 km/31.1 mi.] Link Budget: 19.0 dB
- TN-SFP-LX8**
1000Base-LX 1550nm single mode (LC) with DMI [80 km/49.7 mi.] Link Budget: 24.0 dB
- TN-SFP-LX16**
1000Base-LX 1550nm single mode (LC) with DMI [160 km/99.4 mi.] Link Budget: 37.0 dB
- TN-SFP-LX20**
1000Base-LX 1550 nm (LC) single mode with DMI [200 km/124.3 mi.] Link Budget: 41.0 dB
- Extended Operating Temperature
-40°C to +85°C
- TN-SFP-LX1T**
1000Base-LX 1310nm single mode (LC) with DMI [10 km/6.2 mi.] Link Budget: 11.5 dB
- TN-SFP-LX3T**
1000Base-LX 1310nm single mode (LC) with DMI [30 km/18.6 mi.] Link Budget: 19.0 dB