

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.



Key Features

- Hot-Pluggable SFP Footprint Optical Transceiver
- Digital Diagnostic Function
- 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)
Certifications	IEC-60825, FDA 21, CFR 1040.10 and 1040.11 UL (specific SKU only)
Warranty	Lifetime

Ordering Information

Duplex

TN-SFP-LX1

1000Base-LX 1310nm single mode (LC) with DMI [10 km/6.2 mi.] Link Budget: 11.5 dB, UL Listed

TN-SFP-LX3

1000Base-LX 1310nm single mode (LC) with DMI [30 km/18.6 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

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