

TN-EX-SFP-1GE Series

Juniper Compatible SFP Module

1000Base-X (LC)



TN-EX-SFP-1GE-LX

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

Features

- Small Form-Factor Pluggable (SFP) MSA Compliant
- Compliant with 1000Base-SX/LX
- Single +3.3V Power Supply
- RoHS Compliant

Specifications

Standards	IEEE 802.3 IEEE 802.3z
Dimensions	Width: 0.52" [13 mm] Depth: 2.2" [56 mm] Height: 0.33" [8 mm]
Power Input	3.3V
Environment	Operating: 0°C to 70°C Storage: -40°C to 85°C
Compliance	IEC-60825, FDA 21, CFR 1040.10 and 1040.11
Warranty	Lifetime

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-EX-SFP-1GE-SX

1000Base-SX 850nm (LC) multimode
[62.5/125 um: 220 m/722 ft.]
[50/125 um: 550 m/1804 ft.]
Link Budget: 9.0 dB

TN-EX-SFP-1GE-LX

1000Base-LX 1310nm (LC) single mode
[10 km/6.2 mi.] Link Budget: 9.0 dB

TN-EX-SFP-1GE-LX40K

1000Base-LX 1310nm (LC) single mode with
DMI [40 km/24.9 mi.] Link Budget: 20.0 dB

TN-EX-SFP-1GE-LH

1000Base-LX 1550nm(LC) single mode with
DMI [80 km/49.7 mi.] Link Budget: 27.0 dB

TN-EX-SFP-1GE-LH12

1000Base-LX 1550nm (LC) single mode with
DMI [120 km/74.6 mi.] Link Budget: 32.0 dB

TN-EX-SFP-1GE-LH16

1000Base-LX 1550nm (LC) single mode with
DMI [160 km/99.4 mi.] Link Budget: 37 dB