

TN-SFP-FC4X Series

MSA Compliant 1000Base Fiber Channel SFP Modules

Fiber Channel 1x/2x/4x/1000Base-X (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
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-FC4XM

Fiber Channel 1x/2x/4x/1000Base-SX
850nm (LC) multimode with DMI
[62.5/125 µm:70m/246 ft.]
[50/125 µm: 150m/492 ft.]
Link Budget: 6.0 dB

TN-SFP-FC4XS5

Fiber Channel 1x/2x/4x/1000Base-LX
1310 nm (LC) single mode with DMI
[5 km/3.1 mi.] Link Budget: 10.0 dB

TN-SFP-FC4XS10

Fiber Channel 1x/2x/4x/1000Base-LX
1310 nm (LC) single mode [10 km/6.2 mi.]
Link Budget: 10.0 dB

TN-SFP-FC4XS20

Fiber Channel 1x/2x/4x/1000Base-LX
1310 nm (LC) single mode with DMI
[20 km/12.4 mi.] Link Budget: 13.0 dB

TN-SFP-FC4XS40

Fiber Channel 1x/2x/4x/1000Base-LX
1550 nm (LC) single mode with DMI
[40 km/24.9 mi.] Link Budget: 18.0 dB

TN-SFP-FC4XS80

Fiber Channel 1x/2x/4x/1000Base-LX
1550 nm (LC) single mode with DMI
[80 km/49.7 mi.] Link Budget: 26.0dB