

# TN-SFP-FC2X Series

## MSA Compliant 1000Base Fiber Channel SFP Modules

### Fiber Channel 2x/1x/OC-48/STM-16/1000Base-X (LC) With DMI



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-FC2XM, TN-SFP-FC2XS2)
Compliance	IEC-60825, FDA 21, CFR 1040.10 and 1040.11
Warranty	Lifetime

## Ordering Information

### Duplex

#### TN-SFP-FC2XM

OC-48/STM-16/Fiber Channel 1x/2x/1000Base-SX 850nm (LC) multimode with DMI [62.5/125 µm: 150 m/492 ft.] Link Budget: 6.0 dB [50/125 µm: 300 m/984 ft.] Link Budget: 6.0 dB

#### TN-SFP-FC2XS2

Fiber Channel 2x/1x/OC-48/STM-16/1000Base-LX 1310nm single mode (LC) with DMI [2 km/1.2 mi.] Link Budget: 8.5 dB

#### TN-SFP-FC2XS15

Fiber Channel 2x/1x/OC-48/STM-16/1000Base-LX 1310nm single mode (LC) with DMI [15 km/9.3 mi.] Link Budget: 13.0 dB

#### TN-SFP-FC2XS40

Fiber Channel 2x/1x/OC-48/STM-16/1000Base-LX 1310nm single mode (LC) with DMI [40 km/24.9 mi.] Link Budget: 26.0 dB

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.