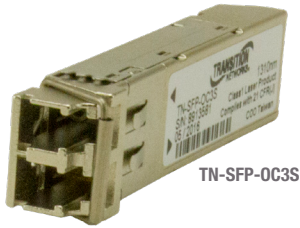


# TN-SFP-OC3Sx Series

## MSA Compliant 100Base/OC3 SFP Modules

### 100Base-FX/OC-3 Single Mode (LC) with DMI



TN-SFP-OC3S

Applications include: Fast Ethernet / OC3 Switches and Routers, 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: -10°C to 85°C Operating: -40°C to 85°C (TN-SFP-OC3ST)
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-OC3S

100Base-FX/OC-3 1310nm single mode (LC) with DMI [20 km/12.4 mi.] Link Budget: 17.0 dB

#### TN-SFP-OC3S3

100Base-FX/OC-3 1310nm single mode (LC) with DMI [30 km/18.6 mi.] Link Budget: 20.0 dB

#### TN-SFP-OC3S8

100Base-FX/OC-3 1550nm single mode (LC) with DMI [80 km/49.7 mi.] Link Budget: 29.0 dB

#### TN-SFP-OC3S10

100Base-FX/OC-3 1550nm single mode (LC) with DMI [100 km/62.1 mi.] Link Budget: 31.0 dB

#### TN-SFP-OC3S12

100Base-FX/OC-3 1550nm single mode (LC) with DMI [120 km/74.6 mi.] Link Budget: 34.0 dB

#### TN-SFP-OC3S20

100Base-FX/OC-3 1550nm single mode (LC) with DMI [200km/124.3 mi.] Link Budget: 46.0 dB

Extended Operating Temperature  
-40°C to +85°C

#### TN-SFP-OC3ST

100Base-FX/OC-3 1310nm single mode (LC) with DMI [20 km/12.4 mi.] Link Budget: 17.0 dB