

# TN-SFP-OC12 Series

## MSA Compliant 100Base/OC3/OC12 SFP Modules

### OC-12/STM-4 SFP (LC) With DMI



TN-SFP-OC12M

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]<br>Depth: 2.18" [55 mm]<br>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,<br>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-OC12M

OC-12/STM-4 SFP 1300nm multimode (LC) with DMI [1 km/0.6 mi.] Link Budget: 7.0 dB

#### TN-SFP-OC12S

OC-12/STM-4 SFP 1310nm single mode (LC) with DMI [20 km/12.4 mi.] Link Budget: 14.0 dB

#### TN-SFP-OC12S4

OC-12/STM-4 SFP 1310nm single mode (LC) with DMI [40 km/24.9 mi.] Link Budget: 28.0 dB

#### TN-SFP-OC12S8

OC-12/STM-4 SFP 1310nm single mode (LC) with DMI [80 km/49.7 mi.] Link Budget: 29.0 dB