

TN-CWDM-SFP-1xx0-16 Series

Cisco Compatible CWDM SFP Modules

1000Base-LX/ZX Fiber Channel Single Mode (LC) With DMI



Ordering Information

Duplex

TN-CWDM-SFP-1xx0-16

1000Base-LX/ZX Fiber Channel
single mode (LC) with DMI
[160 km/99.4 mi.] Link Budget: 36.0 dB

xx = center wavelength (nm)

47 = 1470nm
49 = 1490nm
51 = 1510nm
53 = 1530nm
55 = 1550nm
57 = 1570nm
59 = 1590nm
61 = 1610nm

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

Features

- Coarse Wavelength Division Multiplexing (CWDM) ITU Grid Compliant Wavelengths
- Hot-Pluggable SFP Optical Transceiver With Duplex LC Connector
- Digital Diagnostic Function (DDM)
- Compliant with SFP Multi-Sourcing Agreement (MSA)
- Single +3.3V Power Supply
- RoHS Compliant
- Compliant with 1000Base-LX/ZX
- Compliant with Fiber Channel 1x SM-LC-L FC-PI

Specifications

| | |
|-------------------|--|
| Standards | IEEE 802.3 IEEE 802.3z |
| Output Wavelength | $-5.5\text{nm} < \lambda_c < +7.5\text{nm}$ |
| Dimensions | Width: 0.52" [13 mm] Depth: 2.18" [55 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 |

Note: The Transition Networks TN-CWDM-SFP-1xx0-16 small form factor pluggables (SFPs) are Cisco Compliant* and are designed for bi-directional serial-optical data communications such as Gigabit Ethernet, or Fiber Channel 1x. Each SFP operates at a nominal CWDM wavelength. There are 18 wavelengths available in 20nm steps from 1270nm to 1610nm.

*Transition Networks' SFP modules fully comply with the Multi-Sourcing Agreement (MSA). This compliance allows our SFP modules to be used in all other MSA compliant SFP platforms. In addition, TN-CWDM-SFP-1xx0-16 modules are also Compliant with all Cisco SFP-based equipment, as well as Cisco's IOS software. Transition Networks SFP modules ARE NOT Cisco OEM brand modules.