

# TN-CWDM-100LX-1xx0 Series

## Cisco Compatible CWDM SFP Modules

### 100Base-LX/SONET OC-3/SDH STM-1 Single Mode (LC) With DMI



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 (DMI)
- 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
- Compliant with 100Base-FX

## Specifications

Standards	IEEE 802.3 IEEE 802.3z
Output Wavelength	-5.5nm < $\lambda_c$ < +7.5nm
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-100LX-1xx0 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. Transition Networks SFP modules ARE NOT Cisco OEM brand modules.

## Ordering Information

### Duplex

#### TN-CWDM-100LX-1xx0

100Base-LX/SONET OC-3/SDH STM-1  
single mode (LC) with DMI  
[80 km/49.7 mi.] Link Budget: 29.0 dB

xx = center wavelength (!)

27 = 1270nm	45 = 1450nm
29 = 1290nm	47 = 1470nm
31 = 1310nm	49 = 1490nm
33 = 1330nm	51 = 1510nm
35 = 1350nm	53 = 1530nm
37 = 1370nm	55 = 1550nm
39 = 1390nm	57 = 1570nm
41 = 1410nm	59 = 1590nm
43 = 1430nm	61 = 1610nm