

## Cisco Compatible CWDM SFP+ Modules

10GBase-ZR/ZW/10G Fiber Channel, SFP+ With DMI Single Mode (LC)



TN-CWDM-10G-1550-80

Applications include: 10G Ethernet Switches and Routers, xDSL Applications, and Metro Edge Switching.

### Features

- Compliant with 10GBase-ZR/ZW
- SFF-8472 Digital Diagnostic Function (DMI)
- Maximum Link Length of 80 km
- RoHS Compliant
- SFP+ Optical Transceiver with duplex LC connector
- Single +3.3 V Power Supply

### Specifications

Standards	IEEE 802.3ae
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	+5V, 3.3V
Environment	Operating: 0°C to 70°C Storage: -40°C to 85°C
Certifications	IEC-60825, FDA 21, CFR 1040.10 and 1040.11
Warranty	Lifetime

Note: The Transition Networks TN-CWDM-10G-1xx0-80 10G modules are Cisco Compliant\* and are designed for bi-directional serial-optical data communications such as 10G Ethernet. Each X2/XFP/SFP+ operates at a nominal CWDM wavelength. There are 8 wavelengths available in 20nm steps from 1470nm to 1610nm.

\*Transition Networks' X2/XFP/SFP+ modules fully comply with the Multi-Sourcing Agreement (MSA). This compliance allows our X2/XFP/SFP+ modules to be used in all other MSA compliant XFP platforms. In addition, TN-CWDM-10G-1xx0-80 modules are also Compliant with all Cisco X2/XFP/SFP+-based equipment, as well as Cisco's IOS software. Transition Networks SFP modules ARE NOT Cisco OEM brand modules.

### Ordering Information

Duplex

#### TN-CWDM-10G-1xx0-80

10GBase-ZR/ZW/10G Fiber Channel, SFP+ with DMI single mode (LC)  
[80 km/49.8 mi.] Link Budget: 24.0 dB

xx = center wavelength (nm)

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