

## CWDM MSA Compliant Multi-rate 1G/10GBase SFP+ Modules

10GBase-ZR/1000Base-ZX, SFP+ With DMI Single Mode (LC)



### Features

- SFP+ Optical Transceiver
- 10G Small Form-Factor Pluggable (SFP+) MSA Compliant
- SFF-8472 Digital Diagnostic Function (DMI)
- SFF-8431 and SFF-8432 Compliant
- Maximum link length of 80 km
- Single +3.3 V Power Supply
- Up to 10.5 Gbps bidirectional data links
- RoHS Compliant
- Compliant with 1000Base-ZX
- Compliant with 10GBase-ZR

### Specifications

Standards	IEEE 802.3ae IEEE 802.3z
Data Rates	10.3 Gbps / 1.25 Gbps
Dimensions	Width: 0.52" [13 mm] Depth: 2.2" [56 mm] Height: 0.33" [8 mm]
Power Supply	+3.3V
Environment	Operating: 0°C to 70°C Storage: -40°C to 85°C
Certifications	IEC-60825, FAD 21, CFR 1040.10 and 1040.11
Warranty	Lifetime

### Ordering Information

Duplex

#### TN-10GSFP-LR8M-Cxx

10Gbase-ZR/1000Base-ZX, SFP+ with DMI single mode (LC) [80 km/49.7 mi.]  
Link Budget: 22.0 dB

xx = center wavelength (lc)

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