TN-GLC-FE-100xX Series

SFPs & CWDM

Cisco Compatible 100Base SFP Modules

100Base-FX (LC)

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



Key Features

- Hot-Pluggable SFP Footprint Duplex LC Optical Transceiver
- Compliant with SFP Multi-Sourcing Agreement (MSA)
- Compliant with 100Base-FX
- Compliant with Intermediate-Reach SONET OC-3/SDH STM-1 (S-1.1)
- Can be used on Optical Line Converter xFMFF4040-100

Specifications

Standards	IEEE 802.3 IEEE 802.3ah
Dimensions	Width: 0.52" [13 mm] Depth: 2.18" [55 mm] Height: 0.33" [8 mm]
Power Consumption	1.0 Watts
Power Input	3.3V
Environment	Operating: 0°C to 70°C Storage: -40°C to 85°C TN-GLC-xxx-RGD Operating: -40°C to 85°C Storage: -40°C to 100°C
Certifications	IEC-60825, FDA 21, CFR 1040.10 and 1040.11 UL (specific SKUs only)
Warranty	Lifetime

Ordering Information

Duplex

TN-GLC-FE-100FX
100Base-FX 1300nm multimode (LC)
[2 km/1.2 mi.] Link Budget: 8.5 dB;
UL Listed

TN-GLC-FE-100LX
100Base-FX 1310nm single mode (LC)
[10 km/6.2 mi.] Link Budget: 19.0 dB;
UL Listed

TN-GLC-GE-100FX*
100Base-FX 1300nm multimode (LC)
[2 km/1.2 mi.] Link Budget: 8.5 dB

*Provides 100Base-FX interface when plugged into a Gigabit SFP slot on Cisco Catalyst 2970, 3560 & 3750 series switches.

Extended Operating Temperature

-40°C to +85°C

TN-GLC-FE-100FX-RGD
100Base-FX 1300nm multimode (LC)
with DMI [2 km/1.2 mi.] Link Budget: 8.5 dB

TN-GLC-FE-100LX-RGD
100Base-FX 1310nm single mode (LC)
with DMI [10 km/6.2 mi.]
Link Budget: 19.0 dB

TN-GLC-FE-100EX-RGD
100Base-FX 1310nm single mode (LC)
with DMI [40 km/24.9 mi.]
Link Budget: 25.0 dB

NOTE: The Lantronix TN-GLC-FE-100xX series small form factor pluggable (SFP) transceiver modules are designed to install in any SFP port allowing for 100Base-FX interfaces to the network through the SFP connector. The TN-GLC-FE-100xX transceivers are Cisco Compliant* and are designed for bi-directional serial-optical data communication such as Fast Ethernet or OC3 at speeds up to 155 Mbps.

*Lantronix 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, Lantronix SFP modules are also Compliant with all Cisco SFP-based routers and switches, as well as Cisco's IOS software. Lantronix SFP modules ARE NOT Cisco OEM brand modules.

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