

TN-GLC-FE-100BX Series

Cisco Compatible 100Base SFP Modules

100Base-BX Single Fiber Single Mode (LC)



TN-GLC-FE-100BX-U

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

Features

- Hot-Pluggable SFP Footprint Duplex LC Optical Transceiver
- Compliant with SFP Multi-Sourcing Agreement (MSA)
- Compliant with Intermediate-Reach SONET OC-3/SDH STM-1 (S-1.1)

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 |
| Compliance | IEC-60825, FDA 21, CFR 1040.10 and 1040.11 |
| Warranty | Lifetime |

Note: The Transition Networks TN-GLC-FE-100BX series small form factor pluggable (SFP) transceiver modules are designed to install in any SFP port allowing for 100Base-BX interfaces to the network through the SFP connector. The TN-GLC-FE-100BX 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.

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

Ordering Information

Simplex

- TN-GLC-FE-100BX-U**
 100Base-BX 1310nm TX/1550nm RX
 single fiber single mode (LC)
 [10 km/6.2 mi.] Link Budget: 14.0 dB
- TN-GLC-FE-100BX-U-20**
 100Base-BX 1310nm TX/1550nm RX
 single fiber single mode (LC)
 [20 km/12.4 mi.] Link Budget: 14.0 dB
- TN-GLC-FE-100BX-U-40**
 100Base-BX 1310nm TX/1550nm RX
 single fiber single mode (LC)
 [40 km/24.9 mi.] Link Budget: 26.0 dB
- TN-GLC-FE-100BX-D**
 100Base-BX 1550nm TX/1310nm RX
 single fiber single mode (LC)
 [10 km/6.2 mi.] Link Budget: 14.0 dB
- TN-GLC-FE-100BX-D-20**
 100Base-BX 1550nm TX/1310nm RX
 single fiber single mode (LC)
 [20 km/12.4 mi.] Link Budget: 14.0 dB
- TN-GLC-FE-100BX-D-40**
 100Base-BX 1550nm TX/1310nm RX
 single fiber single mode (LC)
 [40 km/24.9 mi.] Link Budget: 26.0 dB