LANTRONIX®
Formerly Transition Networks

TN-GLC-BX Series

Cisco Compatible Gigabit SFP Modules

1000Base-BX Single Fiber Single Mode (LC) With DMI



TN-GLC-BX-D

TN-GLC-BX-U

Specifications

Standards	IEEE 802.3
Dimensions	Width: 0.52" [13 mm] Depth: 2.18" [55 mm] Height: 0.33" [8 mm]
Power Consumption	0.66 Watts
Power Input	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; UL (specific SKUs only)
Warranty	Lifetime

NOTE: The Lantronix TN-GLC-BX series small form factor pluggable (SFP) transceiver modules are designed to install in any SFP port allowing for 1000Base-BX interfaces to the network through the SFP connector. The TN-GLC-BX transceivers are Cisco Compliant* and are designed for bi-directional serial-optical data communication such as Gigabit Ethernet or fiber channel at speeds up to 1.25 Gbps.

*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.

Ordering Information

Simplex

TN-GLC-BX-U
1000Base-BX 1310nm TX/1490nm RX single fiber single mode (LC) with DMI [10 km/6.2 mi.] Link Budget: 10.0 dB; UL Listed

TN-GLC-BX-D
1000Base-BX 1490nm TX/1310nm RX single fiber single mode (LC) with DMI [10 km/6.2 mi.] Link Budget: 10.0 dB; UL Listed

TN-GLC-BX-U-20
1000Base-BX 1310nm TX/1490nm RX single fiber single mode (LC) with DMI [20 km/12.4 mi.] Link Budget: 11.0 dB; UL Listed

TN-GLC-BX-D-20
1000Base-BX 1490nm TX/1310nm RX single fiber single mode (LC) with DMI [20 km/12.4 mi.] Link Budget: 11.0 dB; UL Listed

TN-GLC-BX-U-40
1000Base-BX 1310nm TX/1490nm RX single fiber single mode (LC) with DMI [40 km/24.9 mi.] Link Budget: 20.0 dB

TN-GLC-BX-D-40
1000Base-BX 1490nm TX/1310nm RX single fiber single mode (LC) with DMI [40 km/24.9 mi.] Link Budget: 20.0 dB

TN-GLC-BX-U-80
1000Base-BX 1490nm TX/1550nm RX single fiber single mode (LC) with DMI [80 km/49.7 mi.] Link Budget: 26.0 dB

TN-GLC-BX-D-80
1000Base-BX 1550nm TX/1490nm RX single fiber single mode (LC) with DMI [80 km/49.7 mi.] Link Budget: 26.0 dB

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