

TN-SFP-BXx Series

MSA Compliant 1000Base Fiber Channel SFP Modules

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



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

Features

- Hot-Pluggable SFP Footprint Optical Transceiver
- Digital Diagnostic Function
- Class 1 Laser International Safety Standard IEC-60825 Compliant
- Compliant with SFP Multi-Sourcing Agreement (MSA)

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

Ordering Information

Simplex

TN-SFP-BXU

1000Base-BX 1310nm TX/1490nm RX
single mode (LC) with DMI
[10 km/6.2 mi.] Link Budget: 11.0 dB

TN-SFP-BXU2

1000Base-BX 1310nm TX/1490nm RX
single mode (LC) with DMI
[20 km/12.4 mi.] Link Budget: 14.0 dB

TN-SFP-BXD

1000Base-BX 1490nm TX/1310nm RX
single mode (LC) with DMI
[10 km/6.2 mi.] Link Budget: 11.0 dB

TN-SFP-BXD2

1000Base-BX 1490nm TX/1310nm RX
single mode (LC) with DMI
[20 km/12.4 mi.] Link Budget: 14.0 dB

Note: Per Cisco Systems' literature, the Cisco switches with SFP slots do not accept modules other than Cisco's own SFPs. The Cisco switch identifies the manufacturer ID along with the part number and blocks operations to this port for non-Cisco interfaces.

Transition Networks' SFP units fully comply with Multi-Sourcing Agreement (MSA). This compliance allows Transition Networks' SFP modules to be used on other MSA-compliant SFP platforms without any problems.