

# TN-SFP-LXMB1x Series

## MSA Compliant 100Base/1000Base SFP Modules

### 100Base-BX/1000Base-BX Single Mode (LC) with DMI



Applications include: Fast Ethernet or Gigabit Ethernet Switches and Routers, 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-LXMB11

100Base-BX/1000Base-BX 1310nm  
TX/1550nm RX single mode (LC)  
with DMI [10 km/6.2 mi.] Link Budget: 11.0 dB

#### TN-SFP-LXMB12

100Base-BX/1000Base-BX 1550nm  
TX/1310nm RX single mode (LC)  
with DMI [10 km/6.2 mi.] Link Budget: 11.0 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.