



# Cisco® Compatible 1000BASE-BX-D BiDi SFP 1490nm/1310nm LC Transceiver - 10km

## TR-GLC-BX-D - Specifications

### Description

This is a bidirectional Enhanced Small Form-factor Pluggable (SFP) transceiver module with maximum data transfer rate of 1.25 Gbps up to 10km over a simplex singlemode fiber cable. It is used in network devices with an SFP slots. The transceivers are Multi-Source Agreement (MSA) compliant and built to OEM specifications.

### Features:

- Dual data-rate of 1.25Gbps/1.063Gbps operation
- Two types :
  - A:1310nm FP Laser transmitter,1490nm PIN receiver
  - B:1490nm DFB Laser transmitter,1310nm PIN receiver
- Compliant with SFP MSA and SFF-8472 with simplex LC receptacle
- Digital Diagnostic Monitoring: Internal Calibration or External Calibration
- Compatible with RoHS
- Compatible with SONET OC-24-LR-1
- +3.3V single power supply

### Applications:

- Gigabit Ethernet
- Fiber Channel
- Switch to Switch interface
- Switched backplane applications
- Router/Server interface
- Other optical transmission systems



### Physical Characteristics

Dimensions	57mm x 15mm x 9mm (L x W x H)
Operating Temperature	0°C ~ 70°C
Storage Temperature	-40°C ~ 85°C
Laser Type	Class 1

### Connectors

Connector	LC Simplex
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### Certifications

CE/FCC/RoHS	Yes
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### Performance

Media Supported	1000BASE-BX-D Singlemode Fiber	
Maximum Transmission Distance	10km	
Wave Length	TX: 1490nm	RX: 1310nm
DDM Support	Yes	

### Packaging Information

Package Quantity	1
Product Weight	0.02 lbs [0.01kg]

### Warranty Information

Warranty	Limited Lifetime
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## TR-GLC-BX-D - Line Drawing

