



1000base-BX-D BiDi SFP 1490nm/1310nm LC Transceiver, 10km

TR-SFP-1G-BXD-1490 - 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-U 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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