



1.25 GB 1310/1550nm BiDi LC SFP Transceiver

Optic Component Series

Model VO-BiDi-125

Features

- Dual data-rate of 1.25Gbps operation
- 1310nm FP laser and 1550nm PIN photodetector for 20km transmission
- 1550nm FP laser and 1310nm PIN photodetector for 20km transmission
- Compatible with SONET OC-24-LR-1
- Compliant with SFP MSA and SFF-8472 with duplex LC receptacle
- Digital Diagnostic Monitoring: Internal Calibration or External Calibration
- Compatible with RoHS
- +3.3V single power supply
- Operating case temperature:



Product Description

The VO-BiDi-125 SFP transceivers are high performance, cost effective one fiber bi-directional transmission (BiDi) modules supporting dual data-rate of 1.25Gbps and 20km transmission distance with SMF.

The transceiver consists of four sections: a FP laser transmitter, a PIN photodiode integrated with a trans-impedance preamplifier (TIA), the MCU control unit and the 1310/1550nm WDM coupler. The transceiver is using one SM fiber for transmitting and receiving data information at the same time.. All modules satisfy class I laser safety requirements.

The VO-BiDi-125 transceivers are compatible with SFP Multi-Source Agreement (MSA) and SFF-8472. For further information, please refer to SFP MSA.

Applications

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

Ordering Information

Model	Descriptions
VO-BiDi-T-125	1.25 GB 1310T/1550R nm BiDi, 20 Km SFP, LC Transceiver
VO-BiDi-R-125	1.25 GB 1310T/1550R nm BiDi, 20 Km SFP, LC Transceiver

*** Please Consult Factory for Additional Model Numbers***