



Vi-Link

Fiber Optic Communications

10 GB 1550nm LC SFP Transceiver

Optic Component Series

Model VO-1550-10G

Features

- Dual data-rate of 10 Gbps operation
- 1550nm DFP laser and PIN photodetector for 80km transmission
- Compatible with SONET OC-48-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-1550-10G SFP transceivers are high performance, cost effective modules supporting dual data-rate of 10Gbps and 80km transmission distance with SMF.

The transceiver consists of three sections: a DFP laser transmitter, a PIN photodiode integrated with a trans-impedance preamplifier (TIA) and MCU control unit. All modules satisfy class I laser safety requirements.

The VO-1550-10G transceivers are compatible with SFP Multi-Source Agreement (MSA) and SFF-8472. For further information, please refer to SFP MSA.

Applications

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

Ordering Information

Model	Descriptions
VO-1550-10G	10 GB 1550 nm, 80 Km SFP, LC Transceiver

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