

GL-OT-SG14SC1-1550-1310-D

1.25Gbps SFP Bi-Directional Transceiver, 20KM Reach Tx1550nm/Rx1310nm



The SFP-BIDI transceivers are high performance, cost effective modules supporting dual data-rate of 1.25Gbps/1.0625Gbps and 20KM transmission distance with SMF.

The transceiver consists of three sections: a DFB 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 transceivers are compatible with SFP Multi-Source Agreement (MSA) and SFF-8472. For further information, please refer to SFP MSA.

Detailed characteristics

Characteristic	Value
Power, V	3.3
Temperature, °C	Operation from 0 to +85
Humidity, %	5 - 90 (no condensation)
Product dimensions (WxDxH), mm	13,4x12,46x56
Warranty	3 years
Form factor	SFP
Connector type	1*SC
Emitter type	DFB
Number of fibers used	1
Fiber type	SM (9/125 μm)
Operating wavelength, nm	Tx:1550/Rx:1310
Optical budget, dB	14
Data transmission distance, km	20
Data transfer rate, Gbit/s	1.25