

GL-OT-ST08LC2-1310-1310

10Gbps 1310nm 10KM SFP+ Optical Transceiver



This 1310nm DFB 10Gbps SFP+ transceiver is designed to transmit and receive optical data over single mode optical fiber for link length 10km.

The SFP+ 10km module electrical interface is compliant to SFI electrical specifications. The transmitter input and receiver output impedance is 100 Ohms differential. Data lines are internally AC coupled. The module provides differential termination and reduce differential to common mode conversion for quality signal termination and low EMI. SFI typically operates over 200 mm of improved FR4 material or up to about 150mm of standard FR4 with one connector.

Detailed characteristics

Characteristic	Value
Power, V	3.3
DDM function	Yes
Temperature, °C	Operation from 0 to +85
Humidity, %	8 - 80 (no condensation)
Product dimensions (WxDxH), mm	19,46x42x90,7
Warranty	3 years
Form factor	SFP+
Connector type	2*LC
Emitter type	DFB
Number of fibers used	2
Fiber type	SM (9/125 μm)
Operating wavelength, nm	Tx:1310/Rx:1310
Optical budget, dB	8
Data transmission distance, km	10
Data transfer rate, Gbit/s	10