

GL-OT-SS12LC2-1310-1310

25Gbps SFP28 10km DDM Transceiver



The SFP28 transceivers are high performance, cost effective modules supporting data rate of 25.78Gbps and 10km 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 and SFF-8472 digital diagnostics functions.

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	13,9x8,5x56,7
Warranty	3 years
Form factor	SFP28
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	12
Data transmission distance, km	10
Data transfer rate, Gbit/s	25