

Overview

The Cabling123® can offer 100GBASE-LR4 QSFP28 optical transceiver. These optical transceiver module are designed for use in 100G Gigabit Ethernet links over single-mode fiber, using a wavelength via a LC duplex connector. This optical transceiver have a wide variety of high-density and low-power 100G Gigabit Ethernet connectivity options for data center, high-performance computing networks, enterprise core and distribution layers, and service provider applications.

Features & Benefits

- Hot pluggable QSFP28 form factor.
- Supports 100 Gb/s aggregate bit rate.
- LC duplex receptacle.
- +3.3V single power supply.
- Low power consumption.
- Support DDM.
- Generic compatible.
- Compliant to MSA, RoHS standard.

Specification

Parameter	Value
Form Type	QSFP28
Connector Type	LC duplex
Maximum Distance	10 km
Supported Data Rate	100 Gb/s
Wavelength(nm)	1295.56/1300.06/1304.59/1309.14
Output Power	Max: 8.3 dBm
Extinction Ratio	Min: 4 dB
Receiver Sensitivity (Each Lane)	Max: -8.6 dBm
H x W x D (mm)	12.8 x 18.35 x 127.85
Weight (g)	55.5
Storage Temperature	-40 °C ~ 85 °C
Operatig Temperature	0 °C ~ 70 °C
Humidity	5%RH ~ 85%RH

Standards Compliance

- SFF-8665.
- IEEE Std 802.3ba.
- RoHS.



Applications

- 100G Gigabit Ethernet.
- InfiniBand QDR, EDR.
- Switch / Router / HBA.
- Enterprise network SAN.
- Data storage and communication industry.
- Data center network.

Product Selection

Part Number: C77-Z010-LR4