

Overview

The Cabling123® can offer 40GBASE-LR4 QSFP+ optical transceiver. These optical transceiver module are designed for use in 40G 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 40G Gigabit Ethernet connectivity options for data center, high-performance computing networks, enterprise core and distribution layers, and service provider applications.



Features & Benefits

- Hot pluggable QSFP+ form factor.
- Supports 40 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.

Applications

- 40G Gigabit Ethernet.
- InfiniBand QDR, EDR.
- Switch / Router / HBA.
- Enterprise network SAN.
- Data storage and communication industry.
- Data center network.

Specification

Parameter	Value	
Form Type	QSFP+	
Connector Type	LC duplex	
Maximum Distance	10 km	
Supported Data Rate	40 Gb/s	
Wavelength(nm)	1271/1291/1311/1331	
Output Power (Each Lane)	Min: -7 dB	Max: 2.3 dBm
Extinction Ratio	Min: 3.5 dB	
Receiver Sensitivity (Each Lane)	Max: -11.5 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	

Product Selection

Part Number: C77-Q010-LR4

Standards Compliance

- SFF-8436.
- IEEE Std 802.3ba.
- RoHS.

