

Overview

The Cabling123® can offer 400GBASE-FR4 QSFP-DD optical transceiver. These optical transceiver module are designed for use in 400G 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 400G 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-DD form factor.
- Supports 400 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

- 400G 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-DD
Connector Type	LC duplex
Maximum Distance	2 km
Supported Data Rate	400 Gb/s
Wavelength(nm)	1271 / 1291 / 1311 / 1331
Output Power	Min: -3.3dB Max: 3.5 dBm
Extinction Ratio	Min: 3.5 dB
Receiver Sensitivity	Max: -4.6 dBm
H x W x D (mm)	13 x 18.35 x 128.1
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-QD040-FR4

Standards Compliance

- QSFP-DD.
- IEEE Std 802.3bs.
- RoHS.

