

Overview

The Cabling123® can offer 400GBASE-SR8 QSFP-DD optical transceiver. These optical transceiver module are designed for use in 400G Gigabit Ethernet links over multimode fiber, using a wavelength of 850nm via a 16 fiber MPO/ APC 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.
- Single 16 fiber MPO/ APC 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	16F MPO/APC Male
Maximum Distance	100 m @ OM4 MMF
Supported Data Rate	400 Gb/s
Wavelength(nm)	850
Output Power (Each Lane)	Min: -6.5 dBm; Max: 4 dBm
Extinction Ratio	Min: 3 dB;
Receiver Sensitivity	Max: -6.5dBm
H x W x D (mm)	11.8 x 18.35 x 131
Weight (g)	62
Storage Temperature	-40 °C ~ 85 °C
Operatig Temperature	0 °C ~ 70 °C
Humidity	5%RH ~ 85%RH

Product Selection

Part Number: C77-QD040-SR8

Standards Compliance

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

