

Overview

The Cabling123® can offer 40G PSM4 QSFP+ optical transceiver. These optical transceiver module are designed for use in 40G Gigabit Ethernet links over single-mode fiber, using a wavelength of 1310nm via a 12 fiber MPO/ APC 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.
- Single 12 fiber MPO/ APC receptacle.
- +3.3V single power supply.
- Low power consumption.
- Support DDM.
- Generic compatible.
- Compliant to MSA, RoHS standard.

Specification

Parameter	Value
Form Type	QSFP+
Connector Type	12F MPO/APC Male
Maximum Distance	10 km
Supported Data Rate	40 Gb/s
Wavelength(nm)	1310
Output Power(Each Lane)	Min: -8.2 dBm; Max: -0.5 dBm
Extinction Ratio	Min: 3.5 dB;
Receiver Sensitivity (Each Lane)	Max: -12.6 dBm
H x W x D (mm)	12.2 x 18.35 x 125
Weight (g)	43
Storage Temperature	-40 °C ~ 85 °C
Operatig Temperature	0 °C ~ 70 °C
Humidity	5%RH ~ 85%RH

Standards Compliance

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



Applications

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

Product Selection

Part Number: C77-Q010-PLR4