

PRODUCT DETAILS

Eoptolink's 400G 10km QSFP112 Optical Transceiver



EOLQ-164HG-10-XX

Single-Mode, 400G-LR4 QSFP112
With Duplex LC interface

Product Description

Eoptolink's QSFP112 400Gbps transceiver module is designed for 400 Gigabit Ethernet links over 10km single mode fiber. This product converts 4 channels of 100Gbps (PAM4) electrical input data to 4 channels of 100Gbps (PAM4) CWDM optical signals. Reversely, on the receiver side, 4 channels of CWDM optical signals of 100Gbps (PAM4) converts to 4 channels of 100Gbps (PAM4) electrical output data. The central wavelengths of 4 channels are 1271nm, 1291nm, 1311nm, 1331nm, and per channel operating at 100Gbps. The electrical interface and the form factor, optical/electrical connection and digital diagnostic interface are compliant with QSFP112 MSA.

Features

- Supports 425Gbps
- Single 3.3V Power Supply
- Up to 10km
- Duplex LC connector
- 4x106.25Gbps (PAM4) electrical interface
- PIN and TIA array on the receiver side
- Power dissipation < 9W
- Commercial case temperature range:
0°C to 70°C

- Safety Certification: TUV/UL/FDA*1
- RoHS Compliant

Applications

- 400G-LR4 applications
- Data center
- Infiniband interconnects



Ordering Information

Part No.	Data Rate	Fiber	Distance*2	Interface	Temp.	DDMI	CMIS
EOLQ-164HG-10-XX*1	425Gbps	SMF	10km	LC	0~70°C	Yes	CMIS5.0*3

*1: For the latest certification information, please check with Eoptolink.

*2: Over G.652 SMF.

*3: CMIS5.0 or later version.

Quality

Eoptolink Technology has passed many quality system verifications, established an internationally standardized quality assurance system and strictly implemented standardized management and control in the course of design, development, production, installation and service. For latest certification/accreditation numbers, please, contact us.



Notice

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