

PRODUCT DETAILS

Eoptolink's 100G 10km QSFP28 Optical Transceiver



EOLQ-131HG-O-10-6

Single-Mode, 100G QSFP28
With LC interface



Product Description

Eoptolink's QSFP28 transceiver module is designed for use in 100 Gigabit Ethernet links over 10km single mode fiber. The module incorporates 1 channel optical signal, on 1311nm center wavelength, operating at 100Gbps data rate. This module can convert 4 channels of 25Gbps (NRZ) electrical input data to 1 channel of 100Gbps (PAM4) optical signal, and also can convert 1 channel of 100Gbps (PAM4) optical signal to 4 channels of 25Gbps (NRZ) electrical output data. The electrical interface of the module is compliant with the OIF CEI-28G-VSR and QSFP28 MSA.

Features

- Supports 100Gbps
- 100G Lambda MSA 100G-LR Specification Compliant
- Single 3.3V Power Supply
- Power dissipation < 4.5W
- Up to 10km over SMF with FEC
- QSFP28 MSA Compliant
- SFF-8636 Rev 2.10a Compliant
- 4x25G electrical interface
- LC duplex connector
- Commercial case temperature range of 0°C to 70°C
- I2C interface with integrated Digital Diagnostic Monitoring
- Safety Certification: TUV/UL/FDA*Note1
- RoHS Compliant

Applications

- 100G Ethernet
- Data center



Ordering Information

Part No.	Data Rate	Fiber	Distance* ³	Interface	Temp.
EOLQ-131HG-O-10-6	100Gbps	SMF	10km	LC	0~+70°C

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

*2: Over SMF.

*The product image is only for reference purpose.

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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