

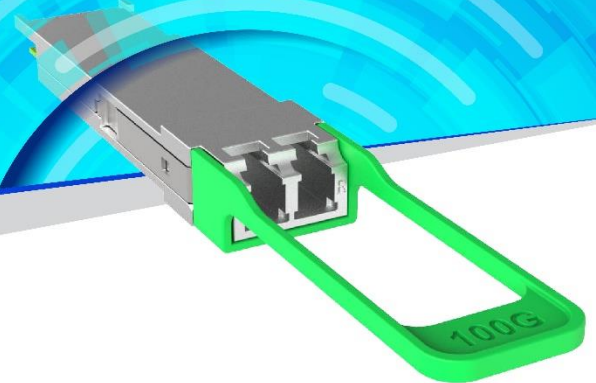
PRODUCT DETAILS

Eoptolink's 100G CLR4 2km QSFP28 Optical Transceiver



EOLQ-161HG-02-R

Single-Mode, 100G QSFP28
With LC interface



Product Description

Eoptolink's EOLQ-161HG-02-R QSFP28 transceiver module is designed for use in 100 Gigabit Ethernet links over 2km single mode fiber. The implementation of a 4 channels TOSA and ROSA to create a CLR4 transceiver. The 100G CLR4 QSFP28 is characterized by a 4x25Gbps (NRZ) electrical interface, a 4x25Gbps DFB-based CWDM transmitter and duplex LC connector. The electrical interface of the module is compliant with the CAUI-4 interface as defined by IEEE 802.3bm, and the form factor, optical/electrical connection and digital diagnostic interface compliant with CWDM4 MSA, 100G-CLR4 and QSFP28 MSA.

Features

- Supports 103Gbps
- Single 3.3V Power Supply
- Power dissipation < 3.5W
- Up to 2km over SMF
- RoHS-6 compliant (lead-free) *1
- 4x25G electrical interface
- Duplex LC receptacles
- Commercial case temperature range of 0°C to 70°C
- 4*25Gbps DFB-based CWDM transmitter
- PIN and TIA array on the receiver side
- I²C interface with integrated Digital Diagnostic Monitoring

Applications

- 100G CLR4 applications with or without FEC

Ordering Information



Part No.	Data Rate	Fiber	Distance*2	Interface	Temp.	DDMI
EOLQ-161HG-02-R	103Gbps	SMF	2km	LC	0~+70°C	Yes

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

*2: Over G.652 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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