

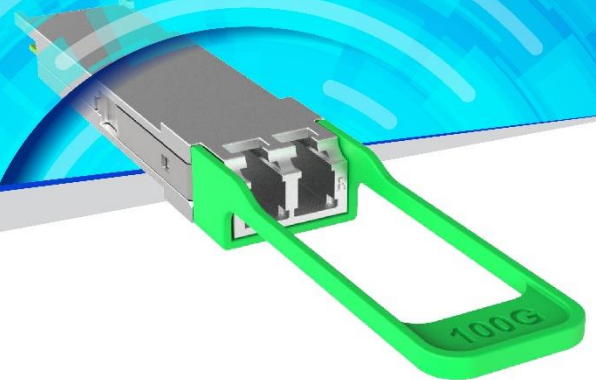
PRODUCT DETAILS

Eoptolink's 100G CWDM4 2km QSFP28 Optical Transceiver



EOLQ-161HG-02-SI1

Single-Mode, 100G, 100G QSFP28
With LC interface



Product Description

Eoptolink's EOLQ-161HG-02-SI1 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 CWDM4 transceiver. The 100G CWDM4 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 and QSFP28 MSA.

Features

- Supports CPRI V7.0 Option7/8/9/10
- Supports 40Gbps/100Gbps
- Single 3.3V Power Supply
- Power dissipation < 4.5W
- Up to 2km over SMF
- RoHS-6 compliant (lead-free)*1
- 4x25G electrical interface
- Duplex LC receptacles
- Industrial case temperature range: -40°C to 85°C
- 4*25Gbps DFB-based CWDM transmitter
- PIN and TIA array on the receiver side
- I²C interface with integrated Digital Diagnostic Monitoring

Applications

- CPRI V7.0 Option7/8/9/10
- 100G CWDM4 applications with FEC



Ordering Information

Part No.	Data Rate	Fiber	Distance*2	Interface	Temp.	DDMI
EOLQ-161HG-02-SI1	103Gbps	SMF	2km	LC	-40~+85°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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Eoptolink Technology Inc., Ltd.

Add: No.127 West Wulian Street, Shuangliu District, Chengdu City 610213, P.R.China.

Tel: +86-028-6708 7983 (HQ); +86-028-6708 7999

Fax: +86-028-6708 7979

Email: sales@eoptolink.com

<http://www.eoptolink.com/>