

## PRODUCT DETAILS

Eoptolink's 100G CWDM4 10km QSFP28 Optical Transceiver



# EOLQ-161HG-10-1

Single-Mode, 100G QSFP28  
With LC interface



## Product Description

Eoptolink's EOLQ-161HG-10-1 QSFP28 transceiver module is designed for use in 100 Gigabit Ethernet links over 10Km 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, 100G 4WDM-10 MSA and QSFP28 MSA.

## Features

- Supports 103Gbps
- Single 3.3V Power Supply
- Power dissipation < 3.5W
- 2m to 10km 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
- I<sup>2</sup>C interface with integrated Digital Diagnostic Monitoring

## Applications

- 100G CWDM4 applications with FEC
- 100G 4WDM-10

## Ordering Information



Part No.	Data Rate	Fiber	Distance*2	Interface	Temp.	DDMI
EOLQ-161HG-10-1	103Gbps	SMF	10km	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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