

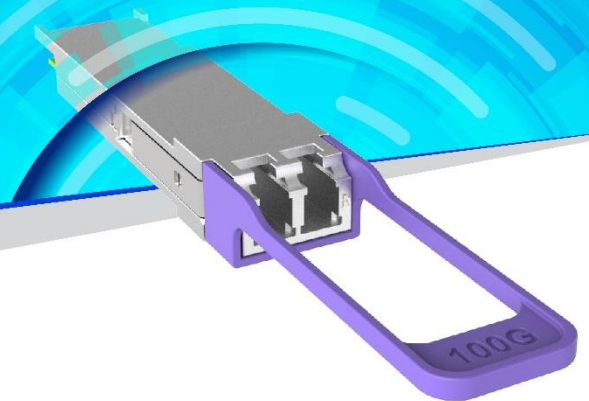
## PRODUCT DETAILS

Eoptolink's CPRI/100G CWDM4 10km QSFP28 Optical Transceiver



# EOLQ-161HG-10-SI1

Single-Mode, 100G QSFP28  
With LC interface



## Product Description

Eoptolink's EOLQ-161HG-10-SI1 100Gbps QSFP28 transceiver module is designed for optical communication applications in 100 Gigabit Ethernet links over 10km single mode fiber. This product converts 4 channels of 25Gbps (NRZ) electrical input data to 4 channels of 25Gbps (NRZ) CWDM optical signals. Reversely, on the receiver side, 4 channels of CWDM optical signals of 25Gbps (NRZ) converts to 4 channels of 25Gbps (NRZ) electrical output data. The central wavelengths of 4 channels are the ITU G.694.2 CWDM grid near 1300nm, and per channel operating at 100Gbps. And per channel operating at 25Gbps. This product is compliant with the QSFP28 MSA, CWDM4 MSA, 4WDM-10 and portions of IEEE 802.3bm.

## Features

- Supports CPRI V7.0 Option7/8/9/10
- Supports 40Gbps/100Gbps
- Single 3.3V Power Supply
- Power dissipation < 4.5W
- Up to 10km 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
- I<sup>2</sup>C 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-10-SI1	103Gbps	SMF	10km	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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