

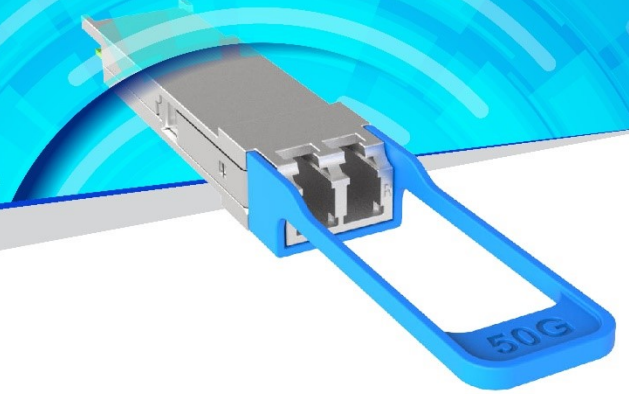
## PRODUCT DETAILS

Eoptolink's 50G PAM4 10km QSFP28 Optical Transceiver



# EOLQ-1650G-O-10

Single-Mode, 50G QSFP28  
With LC interface



## Product Description

Eoptolink's EOLQ-1650G-O-10 50G QSFP28 transceiver module is designed for 50 Gigabit Ethernet links over 10km single mode fiber. The module has 2 independent electrical input/output channels operating up to 26.5625Gbps per channel. The optical transmitter and receiver interface of the module is compliant with the IEEE802.3cn. The electrical interface of the module is compliant with the 50GAUI-2. Digital diagnostics functions are available via an I<sup>2</sup>C interface, as specified by the QSFP28 MSA.

## Features

- Supports 53.125Gbps
- Single 3.3V Power Supply and Power dissipation < 3.5W
- Up to 10km over SMF
- Commercial case temperature range of 0°C to 70°C
- 2x26.5625Gbps electrical interfaces
- Duplex LC receptacles
- I<sup>2</sup>C interface with integrated Digital Diagnostic Monitoring

- Safety Certification: TUV/UL/FDA<sup>\*1</sup>
- RoHS Compliant

## Applications

- 50G Ethernet

## Ordering Information



Part No.	Data Rate	Fiber	Distance	Interface	Temp.	DDMI
EOLQ-1650G-O-10	53.125Gbps	SMF	10km	LC	0~+70°C	Yes

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