

## PRODUCT DETAILS

Eoptolink's 4×25G/28G QSFP28 Optical Transceiver



# EOLQ-851HG- 02-MOA

Multi-Mode, 100G, QSFP28  
With MPO-12 interface



## Product Description

Eoptolink's QSFP28 4x25/28Gbps transceiver module is designed for use in 100 Gigabit Ethernet links over 70m OM3/100m OM4 multi-mode fiber. The module has 4 electrical input/output channels operating up to 28.05Gbps per channel. This transceiver consists of two transmitter/receiver units, with each operating on 850nm wavelength. The transmitter path of the module incorporates a CDR with a 4-channel modulator drivers and 4 modulated lasers. On the receiver path, it consists of 4 photodiodes and a 4-channel TIAs, along with a CDR. The electrical interface of the module is compliant with the CAUI-4 interface as defined by IEEE 802.3bm, and compliant with QSFP28 MSA.

## Features

- Supports 103.1/112.2Gbps Aggregate Bit Rates
- Single 3.3V Power Supply and Power Dissipation < 3.5W
- Up to 70m Transmission on MMF OM3, and 100m Transmission on MMF OM4
- Hot-Pluggable QSFP28 Footprint
- Class 1 FDA and IEC60825-1 Laser Safety Compliant
- Operating Case Temperature: 0°C~+70°C
- I<sup>2</sup>C Interface with Integrated Digital Diagnostic Monitoring

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

## Applications

- 100GBASE-SR4 Ethernet
- 128G Fiber Channel
- OUT4

## Ordering Information



Part No.	Data Rate	Fiber	Distance	Interface	Temp.	DDMI
EOLQ-851HG-02-MOA	103.1Gbps 112.2Gbps	OM3/OM4	70m/100m	MPO-12	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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