

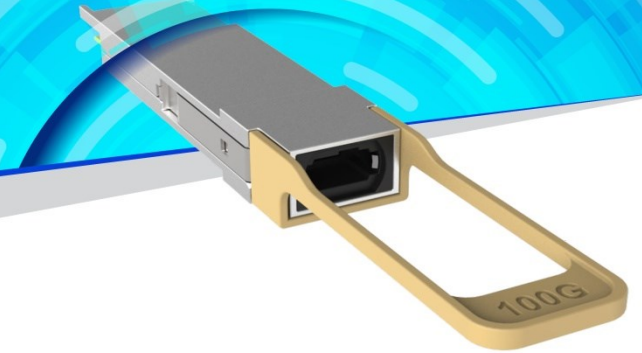
PRODUCT DETAILS

Eoptolink's 4×25G QSFP28 Optical Transceiver



EOLQ-851HG-02-MO

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



Product Description

Eoptolink's QSFP28 4x25Gbps 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 25.78Gbps 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 103.1Gbps 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
- Compliant with QSFP28 MSA Specification
- I²C Interface with Integrated Digital Diagnostic Monitoring
- Safety Certification: TUV/UL/FDA*¹
- RoHS Compliant

Applications

- 100GBASE-SR4 Ethernet



Ordering Information

Part No.	Data Rate	Fiber	Distance	Interface	Temp.	DDMI
EOLQ-851HG-02-MO	103.1Gbps	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

Eoptolink reserves the right to make changes or discontinue any optical link product or service identified in this publication, without notice, in order to improve design and/or performance. Applications that are described herein for any of the optical link products are for illustrative purposes only. Eoptolink makes no representation or warranty that such applications will be suitable for the specified use without further testing or modification.

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/>