

PRODUCT DETAILS

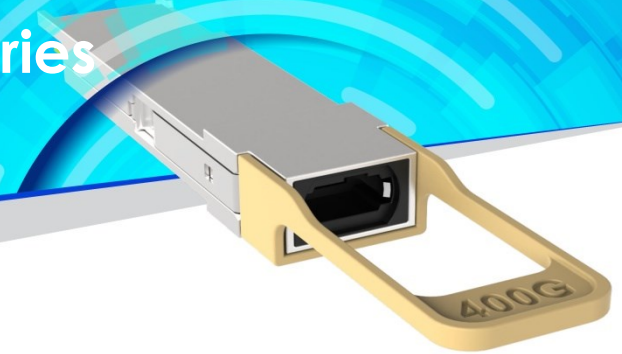
Eoptolink's 400G QSFP-DD Optical Transceiver



EOLD-854HG-E-02-MXX5 Series

Multi-Mode QSFP-DD 400G, 8x26.5625G

With MPO-16 interface



Product Description

Eoptolink's QSFP-DD transceiver module is designed for use in 400 Gigabit Ethernet links over 70m OM3 or 100m OM4 fiber. The module has 8 independent electrical input/output channels operating at 53.125Gbps per channel. This transceiver consists of two transmitter/receiver units, with each operating on 850nm wavelength. The transmitter path of the module incorporates a PAM4 re-timer ASIC with two 4-channel modulator drivers and 8 modulated lasers. On the receiver path, it consists of 8 photodiodes and two 4-channel TIAs, along with the PAM4 re-timer. The electrical interface of the module is compliant with the 400GAUI-8 interface as defined by IEEE 802.3bs, and compliant with QSFP-DD MSA.

Features

- Supports 425Gbps
- Single 3.3V Power Supply
- Power dissipation < 10W
- 8x26.5625GBd(PAM4) Electrical Interface
- MPO-16 Connector APC(default), PC optional
- Case temperature range: 0°C to 70°C
- VCSEL Transmitter
- PIN and TIA Array on the Receiver Side
- I2C Interface with Integrated Digital Diagnostic Monitoring

- Safety Certification: TUV/UL/FDA*¹
- RoHS Compliant
- QSFP-DD MSA Compliant

Applications

- 400GBASE-SR8

Ordering Information



Part No.	Data Rate	Fiber	Distance	Interface	Temp.	CMIS
EOLD-854HG-E-02-MQ5	425Gbps	OM3/OM4	70m/100m	MPO-16 PC	0~70°C	CMIS3.0
EOLD-854HG-E-02-MQ45	425Gbps	OM3/OM4	70m/100m	MPO-16 APC	0~70°C	CMIS4.0* ²
EOLD-854HG-E-02-M5	425Gbps	OM3/OM4	70m/100m	MPO-16 PC	0~70°C	CMIS3.0
EOLD-854HG-E-02-M45	425Gbps	OM3/OM4	70m/100m	MPO-16 APC	0~70°C	CMIS4.0* ²

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

*2: CMIS4.0 or later version.

*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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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/>