

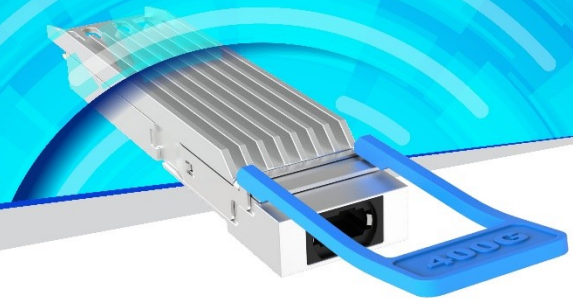
PRODUCT DETAILS

Eoptolink's 400G MPO12 10km OSFP Optical Transceiver



EOLO-134HG-10-M46

400G or 4x100G OSFP
With MPO-12 interface



Product Description

Eoptolink's OSFP transceiver module is designed for use in 400 Gigabit Ethernet links over 10km single mode fiber. The module has 8 independent electrical input/output channels at host side with data rate 53.125Gbps per channel. The integrated GearBox in module converts the 8 channels of 53.125Gbps (PAM4) electrical input data to 4 channels of parallel optical signals, each capable of 106.25Gbps (PAM4) operation for an aggregate data rate of 400Gbps. The four transmitter/receiver units operate on 1310nm wavelengths. The electrical interface of the module is compliant with the 400GAUI-8 interface as defined by IEEE 802.3bs, and compliant with OSFP MSA.

Features

- Supports 425Gbps
- Up to 10km over SMF
- MPO-12 connector
- 8x53.125GBd (PAM4) electrical interface
- OSFP MSA compliant
- PIN and TIA array on the receiver side
- Power dissipation < 10W
- Case temperature range: 0°C to 70°C (commercial)
- Safety Certification: TUV/UL/FDA*¹
- RoHS Compliant

Applications

- Data center networks
- 400GBase-LR4



Ordering Information

Part No.	Data Rate	Fiber	Distance* ²	Interface	Temp.	DDMI	CMIS
EOLO-134HG-10-M46	425Gbps	SMF	10km	MPO12	0~70°C	Yes	CMIS4.0* ³

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

*2: Over G.652 SMF.

*3: 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/>