

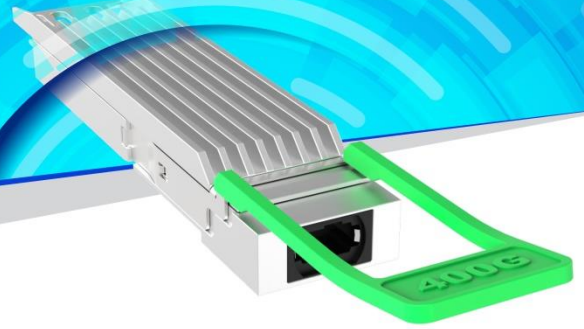
## PRODUCT DETAILS

Eoptolink's 400G MPO12 2km OSFP Optical Transceiver



# EOLO-134HG-02-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 2km single mode fiber. The module has 8 independent electrical input/output channels at host side with data rate of 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 425Gbps. 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 2km 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
- 4 x 100G-DR4+ applications

## Ordering Information



Part No.	Data Rate	Fiber	Distance*2	Interface	Temp.	DDMI	CMIS
EOLO-134HG-02-M46	425Gbps	SMF	2km	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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