

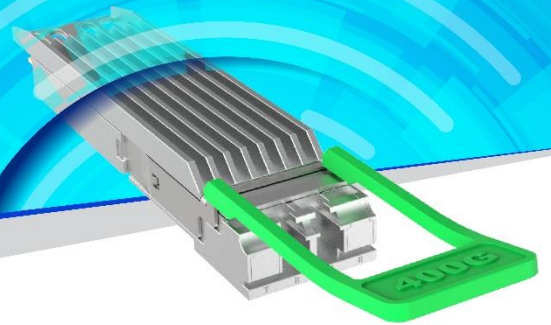
PRODUCT DETAILS

Eoptolink's 400G Duplex LC 2km OSFP Optical



EOLO-164HG-02-46

400G or 4x100G OSFP
With Duplex LC interface



Product Description

Eoptolink's OSFP transceiver module is designed for use in 400 Gigabit Ethernet links over 2km single mode fiber with FEC. The module has 8 independent electrical input/output channels operating at 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 optical side of transceiver consists of 4 independent channels on CWDM4 1271/1291/1311/1331nm center wavelength. 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
- Duplex LC connector
- 8x53.125GBd(PAM4) electrical interface
- Data Rate 106.25Gbps (PAM4) optical channel
- 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

- 4x100G FR applications
- Data center

Ordering Information



Part No.	Data Rate	Fiber	Distance* ²	Interface	Temp.	DDMI	CMIS
EOLO-164HG-02-46	425Gbps	SMF	2km	LC	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

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.

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