

PRODUCT DETAILS

Eoptolink's 400G OSFP112 FR Optical Transceiver



EOLO-134HG-02-MXX

400G, 4X100G, OSFP-RHS
With MPO-12 interface

Product Description

Eoptolink's OSFP transceiver module is designed for use in 400 Gigabit Ethernet and 400G NDR InfiniBand links over 2km single mode fiber. The module supports both InfiniBand and Ethernet and is automatically enabled depending on the connected Host. The module has 4 independent electrical input/output channels operating up to 106.25Gbps per channel. This transceiver consists of a transmitter/receiver unit, with each operating on a set of wavelengths on the ITU G.694.2 CWDM at 1310nm. The transmitter path of the module incorporates a bi-directional PAM4 re-timer ASIC integrated with EML laser and 4-channel internal driver. On the receiver path, used 4 photodiodes and a 4-channel TIA array, along with the PAM4 re-timer.

Features

- Up to 2km over SMF
- Riding Heatsink
- MPO-12 connector
- EML 1310nm transmitter
- PIN and TIA array on the receiver side
- Power dissipation < 9W
- Case temperature range:
0°C to 70°C (commercial)
- Safety Certification: TUV/UL/FDA*1
- RoHS Compliant

Applications*1

- 4x100G Ethernet
- 400G Ethernet
- InfiniBand

Ordering Information



Part No.	Data Rate	Fiber	Distance*2	Interface	Temp.	DDMI	CMIS
EOLO-134HG-02-MXX*1	425Gbps	SMF	2km	MPO-12	0~70°C	Yes	CMIS5.0*3

*1: For more details, please contact with Eoptolink.

*2: Over G.652 SMF.

*3: CMIS5.0 or later version.

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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