

PRODUCT DETAILS

Eoptolink's 800G SR8 OSFP Optical Transceiver



EOLO-858HG-02-D

800GbE, 2x400GbE, 4x100GbE or 8x100GbE OSFP
With Dual MPO-12 interface, Flat Top



Product Description

Eoptolink's OSFP 800G transceiver module is designed for use in 800 Gigabit Ethernet links over 60m OM3 or 100m OM4 fiber. The module has 8 independent electrical input/output channels operating up to 106.25Gbps 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 800GAUI-8 interface as defined by IEEE 802.3ck, and compliant with OSFP MSA.

Features

- Supports 850Gbps
- Single 3.3V Power Supply
- Power dissipation < 15W
- 8x53.125GBd (PAM4) Electrical Interface
- Dual MPO-12 Connector APC
- 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
- OSFP MSA Compliant

Applications*1

- 1x800GbE
- 2x400GbE
- 4x200GbE
- 8x100GbE

Ordering Information



Part No.	Data Rate	Fiber	Distance	Interface	Temp.	DDMI	CMIS
EOLO-858HG-02-D	850Gbps	OM3 OM4	60m 100m	Dual MPO-12 APC	0~70°C	Yes	CMIS4.0*2

*1: For more details, please contact 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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