

PRODUCT DETAILS

Eoptolink's 800G FR8 OSFP Optical Transceiver

EOLO-168HG-02-P

800G, 8x100G OSFP
With Duplex LC interface

Product Description

Eoptolink's OSFP transceiver module is designed for using in 800 Gigabit Ethernet links over 2km single mode fiber. The module has 8 independent electrical input/output channels operating up to 106.25Gbps per channel. This transceiver consists a set of 8 wavelengths on the ITU G.694.2 CWDM grid. The transmitter path of the module incorporates a bi-directional PAM4 re-timer ASIC integrated with EML Laser and modulator driver. On the receiver path, used 8 photodiodes and two 4-channel TIA arrays, along with the PAM4 re-timer.

Features

- 0 to 2km over SMF with KP4
FEC supported at Host side
- Duplex LC connector
- EML CWDM transmitter
- Support multi-rate operation
- PIN and TIA array on the receiver side
- Power dissipation < 16W
- Case temperature range:
- 0°C to 70°C (commercial)
- Safety Certification: TUV/UL/FDA*1
- RoHS Compliant

Applications*1

- 8x100G Ethernet
- 1x800G Ethernet

Ordering Information



Part No.	Data Rate	Fiber	Distance*2	Interface	Temp.	DDMI	CMIS
EOLO-168HG-02-P	850Gbps	SMF	2km	Duplex LC	0~70°C	Yes	CMIS5.0*3

*1: For the latest certification information, please check 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

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.

Eoptolink Technology Inc., Ltd.

USA Add: 3191 Laurelview Court Fremont, CA 94538.

Thailand Add: 390/21 Moo 2, Khao Khan Song Sub-district, Sriracha District, Chonburi Province, Thailand, 20110.

China Add: No.127 West Wulian Street, Shuangliu District, Chengdu City 610213, P.R.China.

Email: sales@eoptolink.com

<http://www.eoptolink.com/>