

PRODUCT DETAILS

Eoptolink's 800G Multi mode OSFP to 2xOSFP AOC



EOLO-8HG-PCT-XX-B Series

800G, 2x400G, OSFP to 2xOSFP RHS

With AOC interface

Product Description

Eoptolink's OSFP 800G to 2xOSFP 400G AOC is designed for use in 2x400 Gigabit Ethernet links over 30m. 800G end of the AOC module has 8 independent electrical input/output channels operating at 106.25Gbps per channel which is compliant with the 800GAUI-8 interface as defined by IEEE 802.3df and compliant with OSFP MSA. Each 400G end of the AOC module has 4 independent electrical input/output channels operating at 106.25Gbps per channel which is compliant with the 400GAUI-4 interface as defined by IEEE 802.3df and compliant with OSFP MSA.

Features

- Supports 850Gbps
- Single 3.3V Power Supply
- Power Dissipation:
 - < 15W (OSFP 800G End)
 - < 9W (OSFP 400G End, each)
- Up to 30m over MMF
- 8x53.125GBd (PAM4) Electrical Interface
- Case Temperature Range of 15°C to 70°C
- VCSEL Transmitter
- PIN and TIA on the Receiver Side
- I2C interface with Integrated Digital Diagnostic Monitoring

- OSFP MSA Compliant
- Safety Certification: TUV/UL/FDA^{*1}
- RoHS Compliant (Lead-free)

Applications

- 2x400G Ethernet
- 4x200G Ethernet
- 8x100G Ethernet



Ordering Information

Part No. ^{*2}	Data Rate	Fiber	Distance	Interface	Temp.	DDMI	CMIS
EOLO-8HG-PCT-XX-B	850Gbps	MMF	Up to 30m	AOC	15~70°C	Yes	CMIS5.0 ^{*3}

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

*2: XX=01, 03, 05, 07, 10, 15, 20, 30 denotes the AOC length with unit meter. For example, 01 denotes 1m, 03 denotes 3m ... 30 denotes 30m.

Eight lengths above are the typical lengths which are suggested to choose.

*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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