

PRODUCT DETAILS

Eoptolink's 800G Multi-mode QSFP-DD to 2xOSFP AOC



EOLD-8HG-PCT-XX-B Series

Multi-Mode, 800G, QSFP-DD to 2xOSFP

With AOC interface

Product Description

Eoptolink's QSFP-DD 800G to 2xOSFP 400G AOC is designed for use in 800 Gigabit Ethernet links over 30m MMF. QSFP-DD end of the AOC 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 QSFP-DD MSA. Each OSFP end of the AOC 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 802.3ck and compliant with OSFP MSA.

Features

- Supports 850Gbps
- Single 3.3V Power Supply
- Power Dissipation <15 W (QSFP-DD end)
Power Dissipation <9 W (Each OSFP end)
- Up to 30m over MMF
- RoHS Compliant (Lead-free)
- 8x53.125GBd(PAM4) Electrical Interface
- Commercial 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
- QSFP-DD MSA Compliant
- OSFP MSA Compliant
- Safety Certification: TUV/UL/FDA^{*1}

Applications^{*1}

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



Ordering Information

Part No.	Data Rate	Fiber	Distance	Interface	Temp.	DDMI	CMIS
EOLD-8HG-PCT-XX-B ^{*2}	850Gbps	MMF	1-30m	AOC	15~70°C	Yes	CMIS5.0 ^{*3}

*1: For more details, please contact 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

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/>