

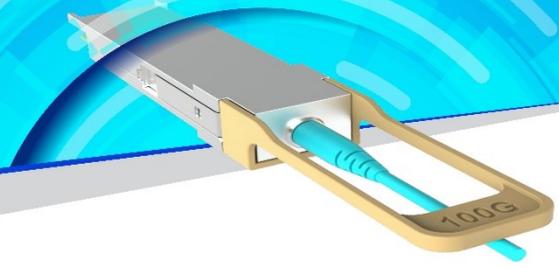
PRODUCT DETAILS

Eoptolink's QSFP28 4x25G Active Optical Cable



EOLQ-1HG-PCT-XX Series

Multi-Mode, 4x25G, QSFP28



Product Description

Eoptolink's QSFP28 4x25Gbps active optical cable (AOC) is designed for use in 100 Gigabit Ethernet links over 1~30m OM2+/1~70m OM3 multi-mode fiber. Each end of the AOC module has 4 electrical input/output channels operating up to 25.78Gbps per channel. It consists of two transmitter/receiver units, with each operating on 850nm wavelengths. The transmitter path of the module incorporates a CDR with a 4-channel modulator drivers and 4 modulated lasers. On the receiver path, it consists of 4 photodiodes and a 4-channel TIAs, along with a CDR. The electrical interface of the module is compliant with the CAUI-4 interface as defined by IEEE 802.3bm, and compliant with QSFP28 MSA.

Features

- Supports 103.1Gbps Aggregate Bit Rates
- Single 3.3V Power Supply and Power Dissipation < 2.5W
- Active Optical Cables Length up to 30m on OM2+, 70m on OM3
- Hot-Pluggable QSFP28 Footprint
- Class 1 FDA and IEC60825-1 Laser Safety Compliant
- Operating Case Temperature: 0°C ~+70°C
- Compliant with QSFP28 MSA Specification
- I2C Interface with Integrated Digital Diagnostic Monitoring

- Safety Certification: TUV/UL/FDA *1
- RoHS Compliant

Applications

- 100GBASE-SR4 Ethernet Interconnects

Ordering Information



Part No.	Data Rate	AOC Length*3	Jacket Color	Temp.	DDMI
EOLQ-1HG-PCT-XX-T*2	103.1Gbps	1~30m on OM2+	Orange	0~70°C	Yes
EOLQ-1HG-PCT-XX	103.1Gbps	1~70m on OM3	Aqua	0~70°C	Yes

*1: For the latest certification information, please check with Eoptolink.

*2: With T means using OM2+ fiber.

*3: Length measured OM2+ or OM3 fiber. XX denotes the AOC length with unit meter. For example, 01 denotes 1m, 02 denotes 2m ... 70 denotes 70m.

*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

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.

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

Tel: +86-028-6708 7983 (HQ); +86-028-6708 7999

Fax: +86-028-6708 7979

Email: sales@eoptolink.com

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