

PRODUCT DETAILS

Eoptolink's 400G-SR4 QSFP112 LPO Optical Transceiver



EOLQ-854HG-02-MLX

Multi-Mode, 400G-SR4 QSFP112 LPO
With MPO12-APC interface

Product Description

Eoptolink's QSFP112 400G LPO transceiver module is designed for use in 400G Ethernet. The module has 4 independent electrical input/output channels operating at 106.25Gbps per channel. This transceiver consists a transmitter/receiver unit operating on 850nm wavelengths. The transmitter path of the module integrated with a 4-channel modulators driver and 4 externally modulated lasers. On the receiver path, there are 4 photodiodes and one 4-channel linear TIA arrays.

Features

- Supports 425Gbps
- Single 3.3V power supply
- Power dissipation:
Commercial version < 2.5W
- Up to TBD over OM4 and TBD over OM3
- RoHS compliant (lead-free)
- 4x53.125GBd (PAM4) electrical interface
- MPO12-APC connector
- Commercial case temperature range of
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

Applications

- 4x100GbE
- 2x200GbE
- 1x400GbE



Ordering Information

Part No.	Data Rate	Fiber	Distance* ²	Interface	Temp.	DDMI	CMIS
EOLQ-854HG-02-MLX* ¹	425Gbps	OM4/ OM3	TBD	MPO12 APC	0~70°C	Yes	CMIS5.0* ³

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

*2: Over MMF.

*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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