

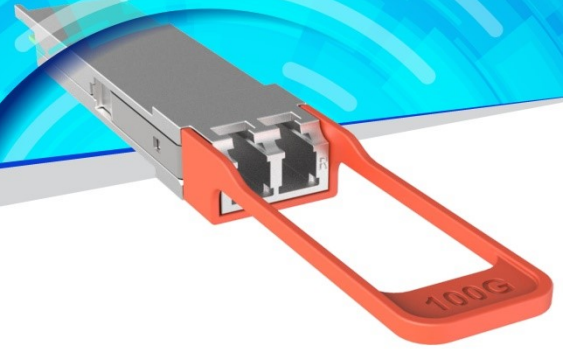
PRODUCT DETAILS

Eoptolink's 100G/ OTU4 4L1-9C1F 40km QSFP28
Optical Transceiver



EOLQ-161HG- 40-LC

Single-Mode, QSFP28
With LC interface



Product Description

Eoptolink's EOLQ-161HG-40-LC transceiver module is designed for use in 100 Gigabit Ethernet/OTU4 links over 40km single mode fiber. The module has 4 independent electrical input/output channels operating up to 27.95Gbps per channel. This transceiver consists of transmitter/receiver units, with each operating on a set of 4 wavelengths on the ITU G.694.1 LAN-WDM grid near 1310nm. The transmitter path of the module incorporates 4-channel EMLs and 4-channel modulator driver. On the receiver path, 1-channel SOA, 4-channel PD arrays and 4-channel TIA arrays are used, along with the NRZ re-timer.

Features

- Supports 103Gbps & 112 Gbps
- Single 3.3V power supply
- Power dissipation : 5.5W
- Up to 40km over SMF
- Commercial case temperature range of 0°C to 70°C
- Four 25Gbps/28Gbps EML LAN-WDM lasers on transmitter side
- Integrated Tap PD,VOA,SOA and PIN TIA on receiver side
- 4x25Gbps/28Gbps electrical interface
- Duplex LC receptacles
- I²C Interface with Integrated Digital Diagnostic Monitoring
- Safety Certification: TUV/UL/FDA*¹
- RoHS Compliant

Applications

- 100G 40km applications
- 100G Datacom& Telecom connections
- OTU4 4L1-9C1F

Ordering Information



Part No.	Data Rate	Fiber	Distance* ³	Interface	Temp.	DDMI
EOLQ-161HG-40-LC* ²	103Gbps&112Gbps	SMF	40KM	LC	0°C~+70°C	Yes

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

*2: Data rate is 100GBE by default, you can configure it to OUT4 according to QSFP28 MSA

*3: Over SMF.

*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/>