

## PRODUCT DETAILS

Eoptolink's 2x100G CWDM4 2km QSFP-DD Optical Transceiver



# EOLD-162HG-E-02-1X Series

Single-Mode, 2x100G QSFP-DD  
With CS interface



## Product Description

Eoptolink's QSFP-DD transceiver module is designed for use in 200 Gigabit Ethernet links over 2km single mode fiber. The implementation of an 8 channel TOSA and ROSA to create a Dual CWDM4 transceiver. The 8 channel optical engines, which include dual embedded CWDM4 multiplexers. The 2x100G CWDM4 QSFP-DD transceiver is characterized by an 8x25G NRZ electrical interface and Dual CS connectors and compliant with QSFP-DD MSA.

## Features

- Supports 206Gbps
- Single 3.3V Power Supply
- Power dissipation < 8.0W
- Up to 2km over SMF
- QSFP-DD MSA Compliant
- 8x25G electrical interface
- Dual CS connector
- Commercial case temperature range of 0°C to 70°C
- 8\*25Gbps DFB-based CWDM transmitter
- PIN and TIA array on the receiver side
- I<sup>2</sup>C interface with integrated Digital Diagnostic Monitoring
- Safety Certification: TUV/UL/FDA\*<sup>1</sup>
- RoHS compliant

## Applications

- 2x100G QSFP-DD CWDM4 applications with FEC

## Ordering Information



Part No.	Data Rate	Fiber	Distance* <sup>2</sup>	Interface	Temp.	DDMI	CMIS
EOLD-162HG-E-02-1	206Gbps	SMF	2km	CS	0~+70°C	Yes	CMIS3.0
EOLD-162HG-E-02-14	206Gbps	SMF	2km	CS	0~+70°C	Yes	CMIS4.0* <sup>3</sup>

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

\*2: Over G.652 SMF.

\*3: CMIS4.0 or later version.

\*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/>