

## PRODUCT DETAILS

Eoptolink's 100G 2km SFP-DD Optical Transceiver



# EOLSD-131HG-O-02-35

Single-Mode, 100G SFP-DD  
With LC interface

## Product Description

Eoptolink's SFP-DD transceiver module is designed for use in 100 Gigabit Ethernet links over 2km single mode fiber. The module incorporates 1 channel optical signal, on 1311nm center wavelength, operating at 100Gbps data rate. This module has 2 independent electrical input/output channels which can convert 2 channels of 50Gbps (PAM4) electrical input data to 1 channel of 100Gbps (PAM4) optical signal, and also can convert 1 channel of 100Gbps (PAM4) optical signal to 2 channels of 50Gbps (PAM4) electrical output data. The electrical interface of the module is compliant with the 100GAUI-2 and SFP-DD MSA.

## Features

- Supports 100Gbps
- 100G Lambda MSA 100G-FR Specification Compliant
- Single 3.3V Power Supply
- Power Dissipation < 3.5W
- Up to 2km over SMF with FEC
- SFP-DD MSA Compliant
- 2x53.125Gbps (PAM4) electrical interface
- LC duplex connector
- Commercial Case Temperature Range of 0°C to 70°C
- I<sup>2</sup>C Interface with Integrated Digital Diagnostic Monitoring
- Safety Certification: TUV/UL/FDA\*<sup>1</sup>
- RoHS Compliant

## Applications

- 100G Ethernet
- Data center

## Ordering Information

Part No.	Data Rate	Fiber	Distance* <sup>2</sup>	Interface	Temp.
EOLSD-131HG-O-02-35	100Gbps	SMF	2km	LC	0~+70°C

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

\*2: Over SMF.

## 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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