

PRODUCT DETAILS

Eoptolink's 100G 10km CFP Optical Transceiver



EOLC-161HG-10-L1A

100G-LR4 OTU4 4I1-9D1F CFP
With Duplex LC interface



Product Description

Eoptolink's CFP transceiver module is designed for 100 Gigabit Ethernet & OTU4 links over 10Km single-mode fiber. The module has 10 independent electrical input/output channels, and the operating speed of each channel is up to 11Gbps. This transceiver consists of transmitter and receiver units and operates on a set of 4 wavelengths near 1310nm on the ITU G.694.1 LAN-WDM grid. The transmitter unit contains a 10:4 Gearbox, a 4-channel modulator driver and a 4-channel EML. On the receiver path, there are a 4-channel PIN arrays and a 4-channel TIA arrays, as well as Gearbox.

Features

- Up to 10km over SMF
- Duplex LC connector
- Supports 103Gbps and 112Gbps aggregate bit rates
- Single 3.3V power supply and power dissipation < 10W
- 4*28Gbps DFB-based LAN-WDM transmitter
- PIN and TIA array on the receiver side
- Operating Case Temperature extended range:
0°C to 70°C
- Class 1 FDA and IEC60825-1 Laser Safety Compliant
- Safety Certification: TUV/UL/FDA*¹
- RoHS Compliant

Applications

- 100GBASE-LR4 Ethernet
- OTU4 4I1-9D1F

Ordering Information



Part No.	Data Rate* ²	Fiber	Distance* ³	Interface	Temp.	DDMI
EOLC-161HG-10-L1A	112Gbps	SMF	10km	LC	0~70°C	Yes

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

*2: Switching between 100GBASE-LR4 and OTU4 4I1-9D1F through MDIO.

*3: 10 km with 9/125µm 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

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