

PRODUCT DETAILS

Eoptolink's 50G 20km SFP56 Optical Transceiver



EOLP-1350G-20

Single-Mode, 50G-BR20 SFP56



Product Description

Eoptolink's EOLP-1350G-20 SFP56 transceiver module is designed for 50 Gigabit Ethernet, operating up to 53.125Gbps with 20 Kilometers link length on single mode fiber via a duplex LC connector. The transceiver has an SFP+ 20-pin connector compliant to SFF-8431 specification and supports hot plug and digital diagnostic function via an I²C.

The transmitter of the module integrates an Electro-absorption Modulated Laser (EML) that is a Class 1 DFB compliant to international Safety Standard IEC 60825 and modulated with 26.5625Gbaud/s PAM4 signal. The receiver of the module integrates a linear TIA and an APD detector with high sensitivity.

Features

- Up to 53.125Gbps (26.5625GBd PAM4)
- 1311nm DFB Transmitter
- Distance up to 20Km
- Duplex LC Connector Interface, Hot Pluggable
- Compliant to Specification SFF-8472
- Power Dissipation < 2.5W (0°C~+70°C)
- Operating Case Temperature
commercial: 0°C~+70°C
- Safety Certification: TUV/UL/FDA*¹
- RoHS Compliant

Applications

- IEEE 802.3cp 50GBASE-BR20
- Other Optical Link

Ordering Information



Part No.	Data Rate	Laser	Fiber	Distance	Temp.	CDR	DDMI
EOLP-1350G-20	Up to 53.125Gbps	1311nm EML	SMF	20km	0~+70°C	Yes	Yes

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

*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.

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