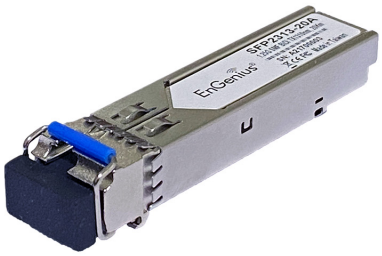
SFP2313-20A

1.25Gbps BiDi Single Mode 20km

Overview

EnGenius SFP2313-20A BiDi SFP transceivers are designed for bidirectional single-strand fiber communication. Supporting 1.25Gbps data rate with 1310nm transmission and 1490nm reception, they offer reliable long-range connectivity up to 20km. Ideal for enterprise, telecom, and point-to-point deployments using single-mode fiber.



Features & Benefits

- High Quality 1.25G BiDi SFP transceiver
- Tx: 1310nm / Rx: 1490nm
- Transmission distance up to 20km (SMF)
- Low power consumption: 160mA (Tx), 100mA (Rx)
- Hot-swappable LC connector
- IEEE 802.3az compliant
- Class 1 laser product, complies with IEC 825
- RoHS Compliant

Technical Specifications

General

Connector Type
LC

Data Rate
1.25 Gbps

Wavelength
Tx: 1310nm
Rx: 1490nm

Fiber Type
SMF

Max Transmission Distance
20km

Transmitter Characteristics

Supply Voltage
3.15 ~ 3.45V

Supply Current
160mA

Output Optical Power
-8 ~ -2 dBm

Receiver Characteristics

Supply Voltage
3.15 ~ 3.45V

Supply Current
160 mA

Maximum Receiver Power
-3dBm

Optical Receiver Sensitivity
-23dBm

Physical Specifications

Dimensions (WxDxH)
13.72 x 56.64 x 12.43 nm

Weight
25g

Environmental Limits

Operating Temperature
0°C to 70°C (32°F to 158°F)

Storage Temperature
-40°C to 85°C (-40°F to 185°F)

EnGenius®

Features and specifications subject to change without notice. Trademarks and registered trademarks are the property of their respective owners. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his/her own expense. Prior to installing any surveillance equipment, it is your responsibility to ensure the installation is in compliance with local, state and federal video and audio surveillance and privacy laws.

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