



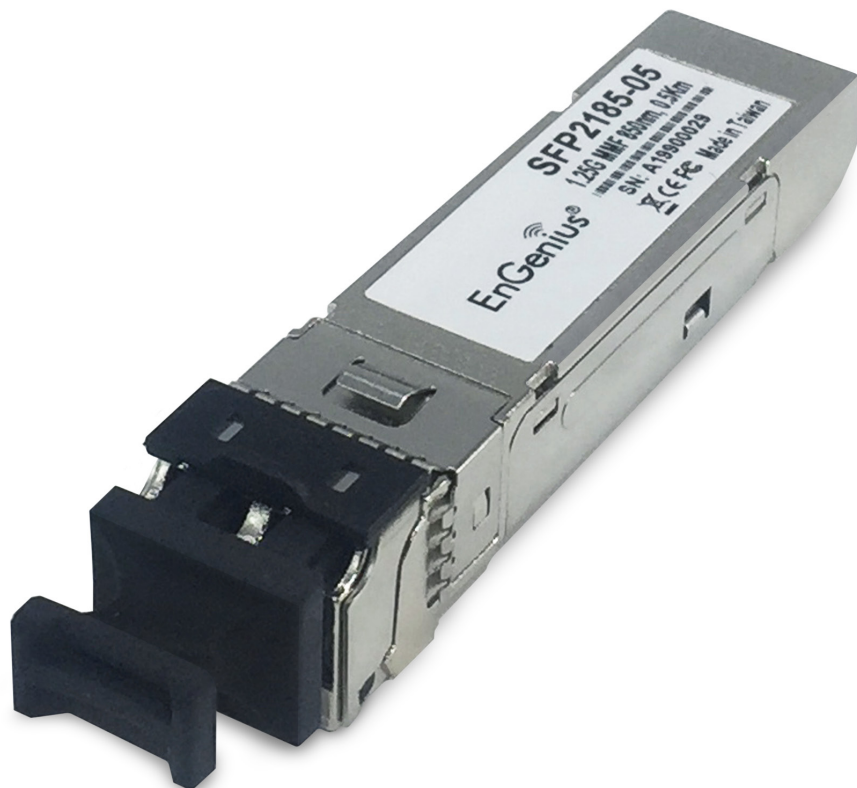
SFP2185-05

New Product Setup for Distribution & Messaging Guide

The EnGenius SFP2185-05 is a high performance and cost-effective multi-mode SFP transceiver. Intended for use with Gigabit Ethernet, it provides up to 1.25 Gbps serial optical data transfer rates on a single duplex fiber core. It can reach a distance of up to 500 meters if used with 50-micron fiber cables.

Features & Benefits

- Hot-swappable LC Duplex connector
- 850nm VCSEL
- Data Rate: 1.25Gbps
- Small Form Factor Pluggable MSA compliant.
- Class 1 Laser International Safety Standard IEC 825 compliant
- IEEE 802.3az compliant
- RoHS compliant



Technical Specifications

Standard Compliance

IEEE 802.3z

Data Rate Gigabit

1.25G

Media Type

SMF

Optical Transmission Power

-10 ~ -3 dBm

Optical Receiver Sensitivity

-18 dBm

Average Optical Transmission Power

-8.2 ~ -0.5 dBm

Wavelength

850nm

Supply Voltage

3.15V ~3.45V

Max Voltage/Current

3.45V/160mA

Temperature

0°C ~70°C

Humidity

5~95% (non-condensing)

Dimensions (Lx W x H)

55.9mm x 14.69mm x 12.39mm

Certification

Compliant with Class 1 Laser International safety Standard with EN 60825-1

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Maximum data rates are based on IEEE 802.11 standards. Actual throughput and range may vary depending on distance between devices or traffic and bandwidth load in the network.

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