SFP2500

1000BASE-T Fiber-to-Copper, 100M

Overview

EnGenius SFP2500 is a compact and cost-effective fiber-to-copper SFP transceiver that converts 1000BASE-X optical signals into 1000BASE-T electrical signals. It supports data rates up to 1.25Gbps and copper transmission distances up to 100 meters over Cat5e/Cat6 cabling. With its plug-and-play design and RJ-45 interface, it is ideal for short-distance, mixed media network environments that require simple, high-speed copper integration.



Features & Benefits

- Converts 1000BASE-X fiber to 1000BASE-T copper
- Supports copper transmission up to 100 meters (Cat5e/Cat6)
- Hot-swappable SFP form factor
- Plug-and-play with no configuration required
- Supports 1.25Gbps data rate
- Compatible with standard SFP ports (RJ-45)
- RoHS Compliant

Technical Specifications

General

Connector Type
RJ-45

Data Rate
1.25 Gbps

Fiber Type
Fiber to Copper

Max Transmission Distance
100m

Physical Specifications

Dimensions (WxDxH)
12 x 68 x 14 mm

Weight
24.5g

Environmental Limits

Operating Temperature
-20°C to 75°C (-4°F to 167°F)

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

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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.

Version 1.0 10/27/2026

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