

2.5G SFP Fiber Optic Converter

Quick User Manual



1. Product Introduction

This compact converter converts 2.5G/1.25G fiber signals to 10/100/1000M/2.5G electrical signals, enabling long-distance network extension via SFP fiber modules. It features auto-negotiation, clear LED status, and plug-and-play design.

Key Ports & Buttons (See Figure 1):

SFP Port: 2.5G/1.25G fiber connection (for SFP optical module)

RJ45 Port: 10/100/1000M/2.5G auto-negotiation Ethernet port

TX/RX Switch: Fiber transmit/receive mode toggle

2. Package List

2.5G SFP Fiber Optic Converter × 1

DC Power Adapter × 1

3. Quick Installation

Power Prep: Connect the power adapter to the device (do not power on yet).

Fiber Connection: Insert a compatible SFP optical module into the SFP port; connect the fiber cable to the module.

Electrical Connection: Plug a Cat5e/Cat6 Ethernet cable into the RJ45 port (connect the other end to your network device).

Mode & Power: Set the TX/RX switch to the correct mode; turn on the power switch.

Status Check: Confirm the PWR LED is solid green (powered on).

4. LED Indicator Guide

LED	Status	Meaning
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PWR	Solid Green	Power normal
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2.5G	Solid Green	2.5G link established (SFP)
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1G	Solid Green	1G link established (SFP)
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FX	Blinking Green	Fiber data transmission active
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SPEED	Blinking Green	RJ45 port data transmission active
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5. Technical Specs

Item Specification

RJ45 Port 10/100/1000M/2.5G (auto-negotiation)

SFP Port 2.5G/1.25G (compatible with standard SFP modules)

Transmission Distance RJ45: 100m (Cat5e/Cat6); Fiber: Depends on SFP module

Power Supply DC 5V/1A

Operating Temp 0° C ~ 50° C

Dimensions 100 × 80 × 30 mm