

# SFP 1.25G 1310nm Dual

Yes

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## Variants

20km LC Duplex 2km LC 10km LC Duplex

## Details

The **1.25G SFP Dual Fiber Optical Transceiver** is designed for long-distance Gigabit Ethernet transmission over **Single Mode Fiber (SMF)**. Supporting transmission distances up to **40km**, this module delivers stable and reliable optical connectivity for ISP networks, enterprise LANs, SAN environments, and data centers.

Featuring a hot-pluggable SFP form factor, low power consumption, and Digital Optical Monitoring (DOM), each module is individually tested to ensure excellent compatibility with Huawei switches, routers, servers, and network interface cards.

Data Rate

**1.25G**

Distance

**10/20/40KM**

Wavelength

**1310nm**

Connector

**Dual LC**

## Key Features

Supports transmission distance up to 40km over Single Mode Fiber

Hot-pluggable SFP form factor

Low power consumption design

Built-in high-performance DFB 1310nm laser

Digital Optical Monitoring (DOM) supported

Fully compatible with Huawei devices

Suitable for ISP, enterprise, telecom, and data center applications

Reliable long-distance Gigabit Ethernet connectivity

## Technical Specifications

Parameter	Specification
<b>Model</b>	SFP-1.25G-LH40 (Compatible)
<b>Vendor</b>	FS
<b>Form Factor</b>	SFP

Parameter	Specification
Data Rate	1.25 Gbps
Wavelength	1310 nm
Maximum Distance	1 – 40 km
Connector	Duplex LC
Fiber Type	Single Mode Fiber (SMF)
Optical Component	DFB Laser (1310nm)
TX Power	-5 ~ 0 dBm
Receiver Sensitivity	< -24 dBm
DOM Support	Yes
Operating Temperature	0°C to +70°C
Standards	SFF-8472, IEEE 802.3ah-2004

## Applications

ISP Networks   Enterprise LAN   Storage Area Networks   Data Centers   Gigabit Ethernet Links

**Compatibility:** Fully tested for compatibility with Huawei switches, routers, servers, NICs, and other standard SFP-enabled networking equipment.