

Huawei Single-Mode Dual-Fiber Optic Module



Overview

25G-LH40 compatible optical transceiver is a dual fiber 1000Mbps Small Form-factor Pluggable SFP module for use in 1000BASE Ethernet network. SFP LX40 provides 1Gb/s throughput up to 40km over single-mode fiber (SMF) using 1310nm wavelength. Single-fiber bidirectional (BIDI) optical modules must be used in pairs. SFP module huawei compatible supports dual data-rate of 1.0625Gbps and 550 m transmission distance with 50/125 um or 300m with 62. The SFP fiber module transceiver consists of two sections: The transmitter section incorporates a VECSEL laser. This transceiver is fully compliant with SFP. Are Attenuators Required in the Case of Short-Distance Connection Using Single-Mode Optical Modules?

Why an Interface Does Not Enter the linkdown State When Its Receiving Power Reaches the Lower Threshold?

Does a Port Frequently Alternate Between Up and Down States When a Non-Huawei-Certified. Huawei SFP-1.



Article Content

Dec 02, 2025

Hp fiber optic equipment

Various hp fiber optic equipment kinds, including single- and multi-mode fibers, serve distinct purposes. Because of their low attenuation, single-mode fibers are best for long-distance communication; multi

Nov 04, 2025

Huawei SFP-GE-LX-SM1310 compatible SFP 1G

Compatible 1000Base-LX/LH Singlemode 10km 1310nm SFP Transceiver for

Jun 23, 2026

XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM

The XG-SFP-LR-SM1310 is aligned to IEEE 10GBASE-LR optical specifications and supports a link length of up to 10 kilometers over a single-mode fiber (SMF) with an LC connector. It adopts the

Sep 11, 2025

10-Gigabit Single-mode Optical Module Dual-fiber

Supplier highlights: This supplier mainly exports to Singapore, Hong Kong, and Ethiopia, offers quality control services, and supports design and sample customization with a customer satisfaction rate of

Jul 28, 2025

What Is A Single-Fiber BiDi Transceiver?--ETU-LINK

When planning a fiber optic network, one key decision is choosing between single-fiber (BiDi) and dual-fiber optical transceivers. This guide from ETU-Link explains

Jan 25, 2026

Huawei optical module supplier list Germany

All Companies and suppliers for huawei-optical-module-supplier-list Find wholesalers and contact them directly Leading B2B marketplace Find companies now!

Jan 18, 2026

Optical Modules for Huawei S Series Switches

Multi-mode optical modules are applicable to short-distance transmission, while single-mode optical modules are applicable to long-distance transmission. Single-mode optical modules will be widely

May 23, 2026

SFP module huawei compatible 1.25G SFP fiber module,single mode

The SFP fiber module transceiver consists of two sections: The transmitter section incorporates a VECSEL laser. the receiver section consists of a PIN photodiode integrated with a trans-impedance

Sep 21, 2025

Huawei fiber optic terminal box-AliExpress

The Huawei Fiber Optic Terminal Box is a reliable device for terminating and managing fiber optic cables in FTTH networks, offering compatibility, secure cable management, and support for various adapter

Oct 07, 2025

Difference Between Single vs Dual Fiber Optical Transceivers

Transmission Distance: Single Fiber: Typically shorter reach compared to dual fiber, ranging from 2km to 120km, depending on the specific module. Dual Fiber: Generally offers longer transmission

Jun 09, 2026

Huawei SFP-1.25G-SX Compatible 1000BASE-SX SFP 850nm 550m

Huawei SFP-1.25G-SX compatible optical transceiver is a dual fiber 1000Mbps Small Form-factor Pluggable SFP module for use in 1000BASE Ethernet. SFP SX provides 1Gb/s throughput up to 550

Feb 07, 2026

Huawei SFP-1.25G-LH40 Compatible 1.25Gbps SFP 1000BASE

Huawei SFP-1.25G-LH40 compatible optical transceiver is a dual fiber 1000Mbps Small Form-factor Pluggable SFP module for use in 1000BASE Ethernet network. SFP LX40 provides 1Gb/s throughput

Jan 17, 2026

Amazon : Fiber Optic Network Interface Card

Discover high-performance fiber optic network interface cards for servers and desktops. Find single and dual port SFP+ adapters with reliable connectivity.

Mar 29, 2026

FAQ: What Is Single-Fiber Bidirectional

In Single-Fiber bidirectional mode, multi-wavelength optical signals are transmitted through only one fiber in both receive and transmit directions. This mode is mainly used on the client

Jan 17, 2026

The Key Differences Between 1-core, 2-core, Single

o In optical modules, "core" refers to the light-transmitting channel in the fiber. A 1-core module uses a single fiber core for data transmission, while a 2

Aug 26, 2025

Optical Modules for Huawei S Series Switches

Single-mode optical modules are used with single-mode fibers. Single-mode fibers support a wide band and large transmission capacity, and are used for long-distance transmission.

Jan 27, 2026

Amazon : Fiber To Ethernet Converter

2 Pack 1.25G/s Bidi Gigabit Single-Mode Fiber to Ethernet Media Converter with 2PCS Bidi SFP LC Dual Transceiver Module Included, 10/100/1000Base-Tx to 1000Base-LX SMF RJ45 to SFP Slot up

Dec 05, 2025

Huawei Technical Support

This document provides technical details about 1Gbps eSFP Optical Modules, including specifications and support information.

Nov 27, 2025

Types of Optical Modules

Multimode optical modules are used with multimode fibers. Multimode fibers have lower transmission performance than single-mode fibers because of modal dispersion, but their costs are also lower.

Sep 12, 2025

Huawei Optical Module Common Models

Optical modules are important devices in fiber optic communication systems. Huawei Optical Module is manufactured by Huawei Technologies Co. and originated in Shenzhen.

Oct 15, 2025

Huawei SFP-1G-LX-20KM-HU SFP 1000BASE-LX Singlemode

The SFP-1G-LX-20KM-HU 1000BASE-LX LC Duplex SFP compatible with Huawei has a receiving function (receiver with 1310nm) and a transmitting function (transmitter with 1310nm) for the

Jan 28, 2026

2Pc 10G SFP+ Optical Fiber Module 1310NM LC Dual Fiber

Applicable to optical network switches, fiber optic network routers, network firewalls, fiber optic network cards, server network storage devices, fiber optic transceivers, etc. Output connector:10G single

Oct 01, 2025

1.25G 2.5G 10G 40G 100G Dual Mode Huawei SFP

Optical Transceiver Huawei Sfp Module Price 1.25G/2.5G/10G/40G/100G Dual Mode Sfp Fiber Transceiver Module Key Features Up to 1.25Gb/s Data Links Hot

Mar 13, 2026

Huawei Original 1.25G Dual Fiber Optical Transceiver Module (SFP

1.25Gb/s Rate: 1.25Gb/s rate, 1310nm dual fiber single mode, up to 40KM transmission distance. With advanced DDM function, it can monitor real time parameters and status on the fiber link. Plug and

Aug 23, 2025

1.25G 2.5G 10G 40G 100G Dual Mode Huawei SFP

Fiber Type: Singlemode Dual Fiber Compatibility: Mikrotik,Cisco, Huawei,

Jul 08, 2025

The Difference Between Single/Dual Fiber and

As fiber optic networks continue to evolve, selecting the right optical transceiver becomes increasingly important. Whether you're designing a short

May 24, 2026

2Pair Gigabit Fiber SFP Module 1.25G Single Mode 40km LC

2Pair Gigabit Fiber SFP Module 1.25G Single Mode 40km LC 1310nm/1550nm Compatible with Multiple Types of Switches Description The Gigabit Fiber SFP Module comes with a personalized steel ring,

Contact Us

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