

Huawei Gigabit Optical Module Single-Mode Dual-Fiber



Article Overview

Huawei Gigabit Single-Mode Dual-Fiber Optical Modules support 1.25 Gbps data rates, LC interfaces, and are compatible with enterprise and data center networks.

Key Specifications

- Data Rate: 1.25 Gbps, suitable for Gigabit Ethernet applications .
- Fiber Type: Single-mode fiber (SMF) with dual-fiber transmission, allowing separate transmit and receive fibers for stable communication .
- Interface: Standard LC connector, plug-and-play SFP form factor, compatible with Huawei and H3C switches .
- Transmission Distance: Typically supports distances up to 10 km over single-mode fiber, depending on module model and network conditions .
- Power and Diagnostics: Supports low power consumption and DOM (Digital Optical Monitoring) for real-time status monitoring, enabling proactive maintenance .

Features and Advantages

- Hot-Swappable: Can be inserted or removed without powering down the switch, minimizing network downtime .
- Compatibility: Works with a wide range of Huawei and H3C enterprise switches, ensuring flexibility in network deployment .
- Durability: Metal casing provides good heat dissipation and EMI resistance, suitable for long-term high-intensity network operation .

Article Content

optical transceiver sfp+ 10g single mode module 1310nm 10km lc

Description optical transceiver SFP+ 10g single mode module 1310nm 10km LC 01.
SPEED REDEFINED: 10 Gigabit Performance for

Optical Access

Huawei's MiniFTTO solution provides dual-band Wi-Fi 6, enabling ultra-gigabit all-optical wired and wireless access anywhere. It

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

Huawei Optical Module Common Models

Optical modules are important devices in fiber optic communication systems. Huawei Optical Module is manufactured by Huawei

SFP-10G-LR, Huawei SFP+ Optical Transceiver, 10G, 1310nm, 10km

Huawei SFP-10G-LR 10G SFP+ 1310nm 10km single-mode LC module for enterprise and carrier networks. Check real-time Huawei

Huawei Optical Transceiver eSFP GE Single-Mode Module

Description The Optical Transceiver eSFP GE Single-Mode Module (1310 nm, 10 km, LC) is a high-performance Gigabit Ethernet

Gigabit single mode dual-fiber optical module,| Alibaba

Key attributes Model Number Gigabit single mode dual-fiber optical module, Type Enterprise Router Brand Name Hua wei Place of

H!Fiber 1.25G Single Mode SFP LC Module, 1000Base-LX/LH Fiber

About this item 1000Base-LX/LH SFP: Gigabit Single Mode SFP Module support 1.25 Gb/s data rates, 1310nm wavelength, SMF;

Optical Modules in General-Purpose Computing Scenarios

Huawei offers a comprehensive portfolio of pluggable StarryLink optical modules for data center networks, with various models

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

Huawei SFP-10G-LR-HU SFP+ 10GBASE-LR Singlemode Transceiver

The SFP-10G-LR-HU 10GBASE-LR LC Duplex SFP+ compatible with Huawei has a receiving function (receiver with 1310nm) and a

10GE SFP+ Optical Modules

Fan Modules Installing a Power Surge Protector Pluggable Modules for Ports Understanding Optical Modules Understanding Copper

Optical Modules in Intelligent Computing Scenarios

Huawei provides a full series of pluggable optical modules. A wide variety of modules give you flexible plug-and-play options for all

Types of Optical Modules

Single-mode fibers support a wide band and large transmission capacity, and are used for long-distance transmission. Multimode

Types of Optical Modules

Single-mode optical modules are used with single-mode fibers. Single-mode fibers support a wide band and large transmission

10Gbps Fiber SFP+ Module | Single Mode Dual LC Transceiver

This SFP+ transceiver is designed for use in 10-Gigabit Ethernet links up to 10km over single mode fiber. The module consists of

Huawei SFP-GE-LX-SM1310 1GE 1310nm 10km SFP Optical

The Huawei SFP-GE-LX-SM1310 is a carrier-grade optical transceiver designed for Gigabit Ethernet over single-mode fiber.

Understanding Pluggable Optical Modules

Therefore, optical modules are also classified into single-mode and multimode modules to support different optical fibers. Single

Optical Fiber

When using optical modules and optical fibers, pay attention to the following to ensure proper communication between devices: Use

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

Huawei SFP-GE-LX-SM1310 Compatible 1.25Gbps SFP 1000BASE

Huawei SFP-GE-LX-SM1310 compatible optical transceiver is a dual fiber 1000Mbps Small Form-factor Pluggable SFP module for

10GE SFP+ Optical Modules

Single-fiber bidirectional (BIDI) optical modules must be used in pairs. For example, SFP-10G-BXU1 must be used with SFP-10G-BXD1.

Optical Modules for Huawei S Series Switches

A multi-mode optical module cannot use a single-mode optical fiber. This is because a single-mode optical fiber is thin and may

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://yachtchartercapetown.co.za>

Email: info@yachtchartercapetown.co.za

Phone: +27 21 863 4927

Address: 1st Floor, The Towers, 1 St George's Mall, Cape Town, 8001, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

