

Huawei Gigabit Optical Module Single Mode



Article Overview

Huawei Single-Mode Gigabit Optical Modules provide reliable 1 Gbps fiber connectivity over single-mode fiber, supporting distances up to 10-40 km depending on the model.

Key Specifications

- Data Rate: 1 Gbps (1000BASE-LX/LH) for Gigabit Ethernet applications .
- Wavelength: 1310 nm, optimized for single-mode fiber transmission .
- Transmission Distance: Typically up to 10 km for standard modules, with some models supporting up to 40 km for long-range applications .
- Connector Type: LC duplex connector, allowing easy integration into existing network infrastructure .
- Form Factor: eSFP (enhanced Small Form-factor Pluggable), hot-swappable for minimal downtime during installation or replacement .
- Digital Diagnostic Monitoring (DDM): Supported on certain models, enabling real-time monitoring of optical power, temperature, and transceiver health to enhance network reliability .

Features and Benefits

- High Reliability: Designed for stable and secure data transmission over single-mode fiber, suitable for enterprise networks, data centers, and carrier environments .
- Ease of Deployment: Hot-swappable eSFP form factor allows quick installation and...

Article Content

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

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

Huawei Optical Modules and Cables

Buy Genuine Huawei Optical Modules and Cables from GenuineModules with best price and fast worldwide shipping.

Buy Tested Huawei 1G SX, LX, EX, ZX, BX Modules for Routers

The Huawei 1G eSFP modules cover multiple needs of fiber connectivity and transmission in SX, LX, EX, ZX, BX, multimode, and

Huawei eKitEngine Optical Module Datasheet

These compact optical transceivers offer a. access and ring network, storage network, and long-haul network.

Latest 2025 | huawei h3c gigabit optical module ...

This huawei h3c gigabit optical module sfp-ge-lx-sm1310-d supports 1.25g rate, is compatible with single-mode and

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

Make troubleshooting, maintenance and monitoring in your network easier with the Digital Diagnostics Monitoring (DDM) / Digital

02315285

Single-fiber bidirectional (BIDI) optical modules must be used in pairs. For example, SFP-GE-LX-SM1310

1.25 Gbit/s SFP/eSFP Optical Module

1.25 Gbit/s SFP/eSFP Optical Module You can use different levels of 1.25 Gbit/s SFP/eSFP optical modules with GE

Huawei Enterprise Support Community

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What Is an Optical Module and Its FAQs (V200)

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

Buy in Anvimur this SFP+ Huawei 10Gb Fiber Module, Single Mode,

10GE Optical Module (SFP+) 40km 10G 1550nm 40km SM SFP+. OSX040N01. Huawei DDM. Bulk pack. Without alarm. Apply to

1Gbps eSFP Optical Modules

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

OSX010000 Datasheet Overview

Supported Switches Figure 1. OSX010000 can be installed in the switch's SFP slot. Table 2 shows the Huawei hot switch. ly Compare

GE eSFP Optical Modules

This document provides an overall description of the CE12800 series switches hardware, helping you obtain detailed information

Huawei GE Optical Modules

02310KVV - Genuine Huawei LE2MGSC40DE0 Optical Transceiver, eSFP, GE, BIDI Single-mode Module (TX1310/RX1490, 40km,

Huawei eKitEngine Optical Module Datasheet

Home Huawei eKitEngine Optical Module Datasheet Huawei eKitEngine Optical Module Datasheet

10 Gbit/s SFP+ Optical Module

10 Gbit/s SFP+ Optical Module You can use different levels of 10 Gbit/s SFP+ optical modules only with 10 GE

SFP-GE-LX-SM1310 (02315200)

This document provides specifications and details about the SFP-GE-LX-SM1310 optical module for Huawei devices.

Optical Modules in General-Purpose Computing Scenarios

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

SFP-GE-LX-SM1310

SFP-GE-LX-SM1310 Huawei Optical Transceiver, SFP, GE, Single-mode Module (1,310 nm, 10 km, LC) Form Factor: SFP Data

01-10 OPTICAL MODULES

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

10 Gbit/s SFP+ Optical Modules

10 Gbit/s SFP+ optical modules apply to 10 GE optical ports. The wavelength can be 850 nm, 1310 nm, or 1550 nm, and the

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 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

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

Make troubleshooting, maintenance and monitoring in your network easier with the Digital Diagnostics Monitoring

Huawei 10G-1310nm-10km-SM-SFP+ SFP-10G-LRV

The Huawei 10G-1310nm-10km-SM-SFP+ (SFP-10G-LRV) Optical Transceiver is a single-mode module

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

Provides reliable 1.25Gbps single-mode uplinks for campus and branch switches, cutting fiber upgrade

10 Gigabit SFP 10G Single Mode Optical Module Used Compatible

10 Gigabit SFP 10G Single Mode Optical Module Used Compatible with H3C for Huawei Ruijie 1 Year Warranty for 2km Transmission

Contact Us

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