

# Huawei Gigabit Single-Core Optical Module



## AI Overview

The Huawei SFP-GE-LX-SM1310 is a 1 Gbps single-mode optical transceiver operating at 1310 nm with a 10 km transmission range.

### Overview

The Huawei SFP-GE-LX-SM1310 is a carrier-grade Gigabit Ethernet optical transceiver designed for single-mode fiber networks. It supports 1.25 Gbps data transmission and operates at a 1310 nm wavelength, making it suitable for long-distance connectivity up to 10 km . This module is widely used in enterprise access, campus backbones, metro aggregation, and FTTx deployments .

### Key Features

- Data Rate: 1 Gbps (Gigabit Ethernet)
- Wavelength: 1310 nm
- Transmission Distance: Up to 10 km over single-mode fiber
- Connector Type: LC
- Hot-Pluggable: Fully hot-swappable for easy field replacement
- Digital Diagnostics Monitoring (DDM): Supports real-time monitoring of optical parameters
- Operating Temperature: -40°C to 85°C, suitable for transport, utility, and city networks

## Article Content

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

Huawei Optical Module Common Models

Huawei's main business scope is switching, transmission, wireless and data communication telecommunication products, providing

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 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)

Optical Modules for Huawei S Series Switches

To determine whether optical modules delivered for Huawei switches before July 1, 2013 are certified ones, contact Huawei technical

Huawei Optical Modules and Cables

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

Optical Fiber

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

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 single-fiber core optical module sfp1.25g ...

In conclusion, this gigabit single-mode single-fiber sfp1.25g 5/20km sc lc optical transceiver module is a true "hero" in the fiber

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

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

HUAWEI 10G 1550nm 80km SM SFP module

HUAWEI 10G 1550nm 80km SM SFP module OPTCORE 10GBASE-ZR SFP+ module is designed for use with ZTE 10G equipment

10GE SFP+ Optical Modules

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

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

Operating at 1.25Gbps with a 1310 nm wavelength, it delivers stable GE connectivity up to 10 km, ideal for

Types of Optical Modules

Multimode optical modules are used with multimode fibers. Multimode fibers have lower transmission performance than single-mode

Optical Fiber

Use a multimode fiber jumper for a multimode optical module. Use a single-mode fiber jumper for a single-mode optical module.

Single OptiX Solution for Enterprises

To comply with the digital transformation of enterprises, Huawei's Single OptiX solution helps build all-optical interconnection

Huawei eKitEngine Optical Module Datasheet

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

Understanding Optical Modules

This document explains optical modules, their types, and applications, providing a comprehensive understanding of their functionality

100GE QSFP28 Optical Modules

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

## 1Gbps eSFP Optical Modules

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

### Types of Optical Modules

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

Gigabit single-mode single-core fiber optic module

Gigabit single-mode single-core optical fiber modules usually have the following specifications: multi-mode 550m, single

## Contact Us

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