

Article Overview

The Huawei eSFP-GE-SX-MM850 is a 1G Gigabit multimode SFP optical module compatible with Huawei switches, supporting up to 1.25 Gbps over multimode fiber.

Key Specifications

- o Data Rate: 1.25 Gbps (Gigabit Ethernet)
- o Wavelength: 850 nm VCSEL laser
- o Interface Type: LC Duplex
- o Fiber Compatibility: OM1, OM2, OM3 multimode fiber
- o Maximum Transmission Distance: 220 m on OM1, 550 m on OM2, up to 1000 m on OM3 under optimal conditions
- o Form Factor: SFP (Small Form-factor Pluggable)
- o Standards Compliance: IEEE 802.3z 1000Base-SX, SFP MSA, ROHS
- o Features: Hot-swappable, low insertion loss, digital optical monitoring (DOM/DDM), metal casing for EMI protection

Compatibility

The eSFP-GE-SX-MM850 module is fully compatible with Huawei enterprise switches, including the S5700 and S5720 series, depending on port support and system configuration. It can also be used with routers and servers that support SFP interfaces .

Applications

- o Short-distance fiber communication in enterprise LANs, campus networks, and aggregation switches
- o Cost-effective Gigabit Ethernet connectivity over multimode fiber
- o High-stability and low-power optical transmission for data centers and enterprise networks

Advantages

- o Hot-swappable: Can be installed or replaced without powering down the device
- o High reliability: Stable optical performance with low power consumption
- o EMI resistance: Metal casing reduces electromagnetic interference
- o Flexible deployment: Supports multiple multimode fiber types for varying distances This module provides a reliable, cost-effective solution for 1G multimode fiber networking in Huawei environments, ensuring seamless integration and high-performance connectivity .



Huawei Optical Module Multimode Gigabit

Check Huawei OMXD30000 SFP+ Optical Transceiver specifications, features, connector type, cable,

Huawei eSFP-GE-SX-MM850 Overview The Huawei eSFP-GE-SX-MM850 is a Gigabit Ethernet optical

Der 02313URP 25GBASE-SR LC Duplex SFP28 kompatibel zu Huawei hat eine Empfangsfunktion (Receiver mit 850nm) und eine

The Huawei eSFP-GE-SX-MM850 is a Gigabit Ethernet optical transceiver designed for short-reach

The multimode SFP module with LC interface provides standards-based 1000BASE-SX Gigabit Ethernet over duplex LC multimode

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

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

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

The 02318169 10GBASE-SR LC Duplex SFP+ compatible with Huawei has a receiving function (receiver with 850nm)

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

The Huawei eSFP-GE-SX-MM850 optical transceiver is a high-quality 1G Gigabit Ethernet multimode SFP module

QSFP-40G-iSR4 40G QSFP+ SR4 transceiver for short-reach multimode fiber links up to 150m at 850nm. Order Huawei original

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

Specifications Product Name Huawei OMXD30000 Optical Transceiver Form Factor SFP+ (Small

Form-Factor Pluggable Plus) Data

The QSFP-40G-LX4-MM 40GBASE-LX4 LC Duplex QSFP compatible with Huawei has a receiving function (receiver with CWDM)

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

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