

Multimode Fiber Optic Modules Huawei



AI Overview

Huawei offers a range of multimode fiber optic modules for 1Gbps and 10Gbps networks, supporting short-distance, high-speed data transmission with 850nm wavelength lasers.

1Gbps Multimode Modules Huawei provides 1Gbps multimode SFP transceivers such as the OGSM01880 and eSFP-GE-SX-MM850. These modules are designed for short-haul applications and comply with 1000BASE-SX standards. Key features include:

- Wavelength: 850 nm VCSEL laser
- Transmission distance: Up to 550 meters for eSFP-GE-SX-MM850
- Interface: LC duplex
- Standards compliance: SFP MSA, IEEE 802.3z
- Applications: Ideal for switches, routers, and storage systems in data centers or enterprise networks requiring reliable short-range connectivity.

10Gbps Multimode Modules For higher-speed networks, Huawei offers 10GBASE-SR SFP+ transceivers, such as the 02318169 model. These modules are suitable for multimode fiber and provide:

- Data rate: 10 Gbps
- Wavelength: 850 nm
- Maximum distance: Typically up to 300 meters on multimode fiber
- Interface: LC duplex, MSA-compliant
- Compatibility: Works with Huawei switches, routers, storage systems, and other hardware supporting 10GBASE-SR
- Reliability: High-quality components from Broadcom, Lumentum, and Analog Devices ensure long service life and stable performance.

Key Considerations

- Standards compliance: Huawei multimode modules adhere to IEEE and SFP/SFP+ MSA standards, ensuring interoperability with compatible hardware.
- Short-range optimization: Multimode modules are optimized for distances typically under 550 meters for 1Gbps and 300 meters for 10Gbps, making them suitable for data center or campus networks.
- Plug-and-play flexibility: Huawei modules are designed for easy installation and monitoring, supporting high-speed, low-latency connections in enterprise and AI-driven network environments.

Huawei's multimode fiber optic modules provide a reliable, high-performance solution for short-distance networking, supporting both 1Gbps and 10Gbps speeds with standardized...

Article Content

SFP Modules: The Unsung Heroes of Modern Networks

SFP BY CONNECTION TYPE SFP-SX — Multimode fiber, short range (up to 550m), used for short data center/campus links SFP-LX — Single-mode fiber, long range (up to 10km), ideal for building-to ...

HUAWEI RRU3971 INSTALLATION MANUAL Pdf

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Compatible OEM transceivers for Huawei devices

Huawei recommends certain Finisar modules for their equipment. We can offer SFP, SFP+ and XFP modules for multi-mode fiber with 850nm and for single-mode fiber with 1310nm.

Huawei 02318169 SFP+ 10GBASE-SR Multimode Transceiver

Make troubleshooting, maintenance and monitoring in your network easier with the Digital Diagnostics Monitoring (DDM) / Digital Optical Monitoring (DOM) interface integrated into the

Huawei QSFP-40G-iSR4 40G QSFP+ SR4 MMF

Delivers 40 Gbps spine-leaf links over multimode fiber, simplifying high-density

10GE SFP+ Optical Modules

This document provides an overall description of the CE12800 series switches hardware, helping you obtain detailed information about each chassis, power module, fan module, card, cable, and

Optical Transceiver Market Report 2026

Two primary types of optical transceivers exist such as single-mode fiber and multimode fiber. A single-mode fiber transceiver, contained within an optical

Optical Module Solutions for Huawei S5700/S5720 Series Switches

This article summarizes several solutions for using optical modules with switches and common problems encountered during usage, along with specific solutions.

Bidirectional SFP Modules/Transceivers

They are compatible with standard SFP slots on fiber optic network switches and media converters. Our BiDi SFP modules come with a lifetime warranty and are

Optical Modules in Intelligent Computing Scenarios

In the AI era, Huawei provides a full range of GE to 800GE optical modules, featuring three major capabilities: Spanning (ultra-long transmission), Stable (ultra-high reliability), and Secure (ultra-solid

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.

The Ultimate Guide to SFP Modules (2026): Types,

This is the legal and technical foundation that allows you to plug a third-party module into a Cisco, Juniper, or Huawei switch and have it fit physically perfectly.

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco® 10GBASE SFP+ modules (Figure 1) give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise

Huawei eSFP-GE-SX-MM850 Compatible 1000BASE-SX | €5.13

Huawei uses several part numbers across its multimode SFP range, and they are not all the same module. The eSFP-GE-SX-MM850 (02315204) is the 1.25 Gbps 1000BASE-SX part documented for

Optical Modules for Huawei S Series Switches

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

Huawei eSFP-GE-SX-MM850 Gigabit Optical Module Overview

The eSFP-GE-SX-MM850 optical module is a Huawei Gigabit multimode optical module with DOM/DDM support, which is packaged in an SFP package with a center wavelength of 850 nm.

Fiber Panels, Modules & Cassettes

Explore CommScope's efficient and scalable fiber splice panels designed for seamless connectivity. Accommodating LC, SC, and MTP/MPO connectors,

EMSECKO MPO to MPO Fibre Optic Cable 1 m, 12 Core Fibre Optic

MPO to MPO Fibre Optic Cable 1 m, 12 Core Fibre Optic Cable, Socket Type B, OM3 Multimode Patch Cable, LSZH MPO-MPO Patch Cord for QSFP+ Transceiver MTP Compatible Cabling System, Aqua

SFP Optical Transceiver | SFP Optical Module | Perle

Multimode and single-mode fiber Gigabit Ethernet, Fast Ethernet, Fiber channel, ATM/SONET, SDH Hot-pluggable with durable metal enclosure Can be installed

10 Best Fiber Optic Manufacturers for 2026

Discover the best fiber optic manufacturers globally, offering cutting-edge multimode and single mode fiber solutions. See who tops the list for quality

Contact Us

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