

Huawei SN series optical modules



Overview

Huawei's StarryLink optical modules for data center networks offer seamless interconnection from GE to 800GE across all scenarios, delivering customers an ultra-reliable, long-distance, and highly secure data center network interconnection experience. The short-distance optical return loss positioning technology enables precise and efficient identification of contaminated or loose optical modules. When using switches, we may encounter many confusions, such as what types of optical modules are needed for different models of Huawei switches, and how to resolve issues encountered during switch usage. This article summarizes several solutions for using optical modules with switches and common.

02315233 - Genuine Huawei SFP-FE-SX-MM1310 Optical Transceiver, SFP, 100M/155M, Multi-mode Module (1310nm, 2km, LC) Basic Information
Module name: SFP-FE-SX-MM1310
Part Number: 02315233
Model: SFP-FE-SX-MM1310
Form factor: SFP
Application standard: 100BASE.

02315205 - Genuine Huawei eSFP-FE-LX-SM1310. HUAWEI TECHNOLOGIES CO.
Copyright © Huawei Technologies Co. All other trademarks and trade names mentioned in this document are the property of their respective holders. The purchased products, services and features are stipulated by the contract made between. An optical module is a component that completes electrical/optical conversion on an optical network. Figure 10-1 shows the structure of an optical module.



Article Content

Hot

10GE SFP+ Optical Modules

OMXD30000 OSX010000 OSX040N01 OSXD22N00 SFP-10G-BXD1 SFP-10G-BXU1
SFP-10G-ER-1310 SFP-10G-ER-SM1270-BIDI SFP-10G-ER-SM1330-BIDI SFP-10G-LR-I
SFP-10G-USR SFP-10G

Sep 29, 2025 Hot

Optical Modules for Huawei S Series Switches

A switch must use optical or copper modules that have been certified for use on Huawei switches. Non-certified optical or copper modules cannot ensure transmission reliability and may affect service

Jun 15, 2026 Hot

10 Gbit/s SFP+ Optical Modules

You can use different levels of 10 Gbit/s SFP+ optical modules only with 10 GE interfaces. The wavelength of these 10 Gbit/s SFP+ optical modules can be 850 nm, 1310 nm, or 1550 nm, and the

Nov 24, 2025 Hot

Huawei Switches Viewing Optical Port Receiving and Sending

Use the command display transceiver to view the optical module information of all optical ports, and use the command display transceiver interface interface-type interface-number to view the

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Huawei Optical Module Common Models

Optical modules are important devices in fiber optic communication systems. Huawei Optical Module is manufactured by Huawei Technologies Co. and originated in Shenzhen.

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How To Read Optical Module Information On Huawei Switches

Optical modules are widely used in switches, network interface cards (NICs), routers, and other communication devices. During use, reading optical module information helps understand

Dec 28, 2025 Hot

10GE SFP+ Optical Modules

S5700 Series Switches Hardware Description (V200) 10GE SFP+ Optical Modules
OMXD30000 (02318169) OSX010000 (02318170) OSX040N01 (02310CNF)
OSXD22N00 SFP-10G-ER-1310 SFP

Nov 14, 2025 Hot

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 support. If your optical modules are delivered after July 1, 2013, use

Dec 29, 2025 Hot

40Gbps QSFP+ Optical Modules

40Gbps QSFP+ Optical Modules QSFP-40G-LR4 QSFP-40G-SDLC-PAM QSFP-40G-SR-BD
(02311FPA) QSFP-40G-eSR4 QSFP-40G-iSR4 QSFP-40G-LX4 QSFP-40G-ER4 QSFP-40G-
LR4

Feb 04, 2026 Hot

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 interfaces.

Oct 08, 2025 Hot

OptiX OSN 9800 M Series Datasheet

OptiX OSN 9800 M Series The OptiX OSN 9800 M series are Huawei's next-generation flagship WDM products. They are designed for Optical Networking 2.0 (ON2.0) and feature ultra-large capacity,

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Huawei Optical Modules and Cables

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Oct 04, 2025 Hot

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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 transmission distance ranges from 0.5 km (0.31 mi) to 80 km (49.71 mi).

Jun 04, 2026 Hot

Optical Module Solutions for Huawei S5700/S5720 Series Switches

When using switches, we may encounter many confusions, such as what types of optical modules are needed for different models of Huawei switches, and how to resolve issues encountered

Feb 22, 2026 Hot

Huawei Technical Support

Discover Huawei's technical specifications and features for 10Gbps SFP optical modules, enhancing connectivity and performance in enterprise networks.

Apr 02, 2026 Hot

01-10 OPTICAL MODULES

Huawei S series devices support optical modules of the following encapsulation types: CFP, QSFP+, QSFP28, XFP, SFP, eSFP, and SFP+. All optical modules are hot swappable.

Feb 23, 2026 Hot

StarryLink Optical Module

Huawei's StarryLink optical modules for data center networks offer seamless interconnection from GE to 800GE across all scenarios, delivering customers an ultra-reliable, long-distance, and highly secure

Sep 03, 2025 Hot

10GE SFP+ Optical Modules

OMXD30000 (02318169) OSX010000 (02318170) OSX040N01 (02310CNF)
OSXD22N00 SFP-10G-ER-1310 SFP-10G-ER-C SFP-10G-ER-SM1270-BIDI SFP-10G-ER-SM1330-BIDI SFP-10G-LR-C

Apr 24, 2026 Hot

10GE SFP+ Optical Modules

S9700 Series Switches Hardware Description This document describes hardware components of the S9700, including the cabinet, chassis, power supply facilities, fan modules, cards,

May 26, 2026 Hot

10GE SFP+ Optical Modules

10GE SFP+ Optical Modules Translation Favorite Download Update Date 2024-10-22
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rating 0.0Points

Mar 12, 2026 Hot

Teach you to read the DDM information of the optical

The following picture is the optical module information queried on the Huawei switch,
which is marked with the Chinese translation of the Optical

Sep 28, 2025 Hot

Types of Optical Modules

Huawei S series devices support optical modules of the following encapsulation types:
CFP, CFP2, QSFP+, QSFP28, XFP, SFP, eSFP, and SFP+. All optical modules are hot
swappable.

Dec 07, 2025

Contact Us

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