

Huawei Switch 10G Optical Module



Article Overview

Huawei 10G optical modules are high-speed transceivers, including SFP+ and XFP types, designed for 10 Gigabit Ethernet transmission over single-mode or multi-mode fiber.

Overview

Huawei 10G optical modules are components that perform electrical-to-optical conversion in optical networks, enabling high-speed 10 Gigabit Ethernet (10GE) communication . They are hot-swappable and compatible with Huawei S series switches and other certified devices . These modules come in various form factors and types to meet different network requirements, including:

- SFP+ (Small Form-Factor Pluggable Plus): Compact modules supporting 10G transmission, commonly used in data centers and enterprise networks .
- XFP (10 Gigabit Small Form-Factor Pluggable): Larger than SFP+, also supporting 10G transmission, often used for longer distances .

Types of Huawei 10G Optical Modules

Huawei offers a range of 10G modules based on fiber type, wavelength, and distance :

- Multi-mode Modules (MMF): Short-distance transmission, typically 850nm wavelength, e.g., SFP-10G-USR (0.1 km) and OMXD30000 (0.3 km) with LC connectors....

Article Content

Feb 11, 2026

Huawei S6720-LI Series Switch Optical Module Solutions

The S6720-LI series, a new generation of Huawei's compact all-10G box switches, is designed for use in campus

Jul 27, 2026

10GE SFP+ Optical Modules

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

May 30, 2026

Huawei OMXD30000 10G SFP+ Multi-mode 850nm 0.3km LC Price

Huawei OMXD30000 10G SFP+ multi-mode 850nm 0.3km LC module ensures stable short-reach data center and campus links.

Oct 23, 2025

Types of Optical Modules

Huawei S series devices support optical modules of the following encapsulation types: CFP, QSFP+, QSFP28, XFP, SFP, eSFP,

Aug 15, 2025

Huawei SFP-10G-LR Datasheet Overview

Overview Huawei SFP-10G-LR Compatible 10G SFP+ Module - Single-mode 1310nm Wavelength for up to 10km with Standard

Aug 10, 2025

Huawei SFP-10G-SR 10G SFP+ 850nm 0.3km Module Price

Deploy Huawei SFP-10G-SR 10G SFP+ MMF 850nm 0.3km LC to stabilize short-range 10GbE links and ensure Huawei switch

Mar 29, 2026

What Is an Optical Module and Its FAQs (V200)

Describes what an optical module is and FAQs, including the fundamentals, appearance and structure, key performance counters,

Jun 19, 2026

10GE SFP+ Optical Modules

S9700 Series Switches Hardware Description This document describes hardware components of the S9700,

Dec 12, 2025

Huawei SFP-10G-USR Compatible 10Gbps SFP

Huawei SFP-10G-USR compatible optical transceiver is a dual fiber 10Gbps Small Form-factor Pluggable

Feb 05, 2026

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

Jan 11, 2026

Huawei CE8800 Series 10G Fiber Optic Switch 24 Port SFP

Product Description Huawei CE8800 Series 24-port, 10G Ethernet optical (SFP+) and 2-port 100G Ethernet optical (QSFP28)

Jun 03, 2026

10GE SFP+ Optical Modules

Support Documentation Switches Campus Switch S1700& S2700 Learn About Products Hardware Description

Nov 22, 2025

HUAWEI 10G 1550nm 80km SM SFP module

This module is programmed and tested at the factory, to ensure it works with Huawei 10GbE Switches, Routers, and other network

Apr 06, 2026

HW:SFP-10G-SR Datasheet Overview

Overview Huawei Optical Transceivers - HUAWEI SFP-10G-SR.Optical Transceiver,SFP+,10G,Multi-mode Module(850nm,0.3km,LC).

Feb 23, 2026

SFP-10G-LR, Huawei SFP+ Optical Transceiver, 10G, 1310nm, 10km

Huawei SFP-10G-LR 10G SFP+ 1310nm 10km single-mode LC module for enterprise and carrier networks. Check real-time Huawei

Jul 19, 2026

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

Jul 06, 2026

Industrial Optical Modules

Cards Cables Pluggable Modules for Interfaces Important Notes About Using Optical Modules Certified for Huawei

Aug 31, 2025

10GE SFP+ Optical Modules

This document provides an overall description of the CE5800& 6800& 7800& 8800 series switches hardware that versions earlier than

Mar 28, 2026

Huawei 02318169 SFP+ 10GBASE-SR Multimode Transceiver

This 02318169 compatible 10GBASE-SR LC Duplex SFP+ is suitable for the use in all common hardware platforms

Oct 20, 2025

Huawei Technical Support

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

Jul 21, 2026

10GE SFP+ Optical Modules

CloudEngine 12800 and 12800E Series Switches Hardware Description This document provides an overall description of the

Jan 30, 2026

10GE SFP+ Optical Modules

Cards Cables Pluggable Modules for Interfaces Important Notes About Using Optical Modules Certified for Huawei Switches

Aug 13, 2025

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

Huawei SFP-GE-LX-SM1310 1GE 1310nm 10km single-mode SFP module for Huawei switches and routers. Check real-time price,

Jun 08, 2026

10 Gbit/s SFP+ Optical Module

You can use different levels of 10 Gbit/s SFP+ optical modules only with 10 GE interfaces. The wavelength of these

Jun 16, 2026

SFP-10G-USR (02310MNW)

Important Notes About Using Optical Modules Certified for Huawei Switches
Understanding Optical Modules Understanding Copper

Jun 01, 2026

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

Sep 06, 2025

Huawei OMXD30000 Optical Transceiver,SFP+,10G,Multi-mode Module

Specifications Product Name Huawei OMXD30000 Optical Transceiver Form Factor SFP+ (Small Form-Factor Pluggable Plus) Data

Aug 04, 2025

Huawei SFP-10G-LR Datasheet Overview

Quick Specs ... Product Details Huawei SFP-10G-LR provides these features: x/Rx Wavelength: 1310 nm. / 1310 nm. Media Type:

Jun 17, 2026

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

Mar 11, 2026

Huawei SFP-10G-USR 10G SFP+ Optical Transceiver Module Price

The Huawei SFP-10G-USR is an enterprise-class SFP+ optical transceiver designed for short-reach 10G links over OM3 multimode

Mar 12, 2026

How To View Optical Transceiver Information On Huawei Switches

Optical transceivers are widely applied in switches, network cards, routers and other communication devices.

Contact Us

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