Huawei 10 Gigabit Optical Port Module



Overview

The Huawei Optical Transceiver SFP-10G-LR is a versatile and high-performance 10G SFP+ module. Designed for single-mode fiber, it offers reliable 10km transmission at 1310nm. Single-fiber bidirectional (BIDI) optical modules must be used in pairs. 3-2002, SFF-8431 and IEEE SFF-8432, supporting 10Gbps datarate up to 30 meters reach over category. SFP-10G-USR (part number 02310MNW) is Huawei's designation for a 10G short-reach SFP+ transceiver operating at 850 nm over multimode fiber. Huawei's "USR" label stands for Ultra Short Reach, though the actual optical specifications in this module match standard 10GBASE-SR parameters: 850 nm VCSEL. Huawei OMXD30000 is a 10GBASE-iLR Optical Transceiver. the comparison of OSX010000 and OMXD30000. 4km range, LC connector, compliant with. Huawei SFP-10G-GE-LX Compatible 10G SFP+ Module - Single-mode 1310nm Wavelength for up to 10km with Standard Compatability This high-quality Huawei SFP-10G-GE-LX Compatible 10GBASE-LR SFP+ 1310nm 10km DOM Transceiver. This product is highly beneficial for data centers and enterprise networks needing robust and long-range connectivity.



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Article Content

Jun 22, 2026

Huawei SFP-10G-GE-LX Compatible 10Gb SFP

Huawei SFP-10G-GE-LX Compatible 10G SFP+ Module - Single-mode 1310nm Wavelength for up to 10km with Standard Compatability This high-quality Huawei

Jun 18, 2026

Huawei SFP-10G-GE-LX Compatible 10Gb SFP

This high-quality Huawei SFP-10G-GE-LX Compatible 10GBASE-LR SFP+

Jan 01, 2026

ES0D0G24SA00 ES0D0G24SC00 ES0D0G24CA00 24-Port

These three are all gigabit interface boards used in Huawei S7700 series switches to expand the number of ports. Their core differences lie in the port form factor and configuration: ES0D0G24SA00:

Mar 02, 2026

10GE SFP+ Optical Modules

If the SFP-10G-ER-1310 is connected to a 10Gbase-ER standard optical module (1550nm, 10GE, 40km), the maximum transmission distance is only 20km due to different specifications such as wavelength

Aug 29, 2025

Huawei SFP-10G-LR Compatible 10GBASE-LR SFP

Huawei SFP-10G-LR compatible optical transceiver is a dual fiber 10.3Gbps Small Form-factor Pluggable SFP+ module for use in 10GBASE Ethernet. SFP+ LR

Oct 09, 2025

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).

Jan 06, 2026

2X10GL (2-Port 10GE Optical Ports Interface Card)

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2X10GL (2-Port 10GE Optical Ports Interface Card) Card Overview The 2X10GL is a high-speed WAN access module that provides two 10GE optical interfaces for high-speed uplink connection. A

Oct 12, 2025

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

Apr 04, 2026

world.taobao : juniper juniper networks optical module sfp-1ge-lx ...

welcome to taobao purchase juniper juniper networks optical module sfp-1ge-lx 7 40-011614 gigabit single-mode, taobao taobao taobao/tmall tmall tmall tens of millions of hot sale, support foreign

Feb 13, 2026

Huawei SFP-10G-USR 02310MNW Compatible | €7.90 | EDGE

Huawei qualifies the SFP-10G-USR for CloudEngine series switches running V200R020C00 and later firmware versions. Primary deployment targets include the CE8800, CE7800, CE6800, and CE5800

Feb 13, 2026

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 09, 2025

Huawei SFP-10G-ZR: Long-Range Connectivity Solutions

If the desired length cannot be achieved, you can switch to 10G SFP+ multimode optical modules with OM3 multimode fiber. This connection scheme can achieve a maximum transmission

May 05, 2026

Can Huawei''s 10Gbps optical module be connected to a Gigabit optical port?

Text With the rapid development of information technology, the requirements for network transmission speed are also constantly increasing. As the world''s leading provider of information and

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Dec 27, 2025

Huawei optical module supplier list Germany

All Companies and suppliers for huawei-optical-module-supplier-list Find wholesalers and contact them directly Leading B2B martketplace Find companies now!

Mar 27, 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 10 Gbit/s SFP+ optical modules can be 850 nm, 1310 nm, or

Jan 05, 2026

Huawei SFP Module

Buy Huawei SFP Module at Walmart SFP offers enhanced dependability with maximum productivity 100Base-MX network technology for convenient, easy sharing of data and information with maximum

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Jul 17, 2025

Huawei Core Switch

Performance: Ultra-low latency with high port density The Huawei TAN Series, particularly the S12700, is a next-generation core switch designed for intelligent, scalable network architectures. It serves as

Jul 17, 2025

All Products and Solutions

Directory of Huawei enterprise IT infrastructure products, solutions, and services.

Mar 25, 2026

Huawei S220 48P4X 48-Port PoE+ Gigabit Switch with 4 10G SFP

Huawei S220 48P4X 48-Port PoE+ Gigabit Switch with 4 10G SFP+ Uplinks Buy Online with Best Price. Express delivery to UAE, Dubai, Abu Dhabi, Sharjah

Jun 09, 2026

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Huawei OMXD30000 SFP+ 10G Optical Transceiver

Huawei OMXD30000 SFP+ 10G transceiver for single-mode fiber, 1.4km range,

Oct 21, 2025

SFP-10G-LR, Huawei SFP+ Optical Transceiver, 10G,

The Huawei Optical Transceiver SFP-10G-LR is a versatile and high-performance 10G SFP+ module. Designed for single-mode fiber, it offers reliable 10km

Mar 05, 2026

10G SFP+ Optical Transceivers | Transceiver Module

FS 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit Ethernet connectivity options for data centers, enterprise wiring closets, Internet Service

Jan 26, 2026

10G single-mode OSX010000: a reliable solution for enterprise high ...

The 10G single-mode optical module OSX010000 is Huawei''s 10G single-mode optical module based on optical fiber transmission. It supports long-distance transmission and is suitable for data centers,

Mar 05, 2026

Cisco C9200-NM-4X 4-Port 10G SFP+ Network Module

High-performance 4-port 10G SFP+ module for Cisco Catalyst 9200 switches. Hot-swappable, dual-rate support, and CE certified for enterprise networks.

Nov 26, 2025

Huawei SFP-10G-T compatible SFP+ 10G Copper 30m

This 10Gbps Copper Small Form Pluggable (SFP+)transceiver is suitable for high

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