

# Huawei OC12 Single-Mode Optical Module Model



## Overview

The OC12-SFP-EX Transceiver is a high-performance, compact optical module designed for long-range communication applications. Fully compliant with the Small Form Factor Pluggable Multi-Sourcing Agreement (MSA), it features a Duplex LC interface and supports data transmission over. Huawei offers a comprehensive portfolio of pluggable StarryLink optical modules for data center networks, with various models providing flexible plug-and-play solutions tailored to diverse interface requirements. Compliant with SONET and. High quality AFCT-5755PZ SFF Optical Module Single-Mode OC12/STM-4 with Optional DMI from China, China's leading product market fiber sfp module product, with strict quality control fiber optic transceiver factories, producing high quality fiber optic transceiver products. Businesses, factories, hospitals, schools. What can HUAWEI eKit do for you?

operations for numerous distribution partners and enterprise-level users in the enterprise market.



## Article Content

### Pluggable Optical Module Market Research Report 2034

The pluggable optical module market was valued at \$9.8 billion in 2025 and is projected to reach \$26.4 billion by 2034, growing at a CAGR of 11.6%.

#### 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

#### SFP OC12 EX Alcatel-Lucent Compatible Transceiver Module

The OC12-SFP-EX Transceiver is a high-performance, compact optical module designed for long-range communication applications. Fully compliant with the Small Form Factor Pluggable Multi-Sourcing

#### Huawei OSX010000 SFP+ 10G Optical Transceiver

Huawei OSX010000 SFP+ 10G optical transceiver module for 10km single-mode fiber, compact design, 1-year warranty. Ideal for enterprise networks.

#### Optical Modules for Huawei S Series Switches

Multi-mode optical modules are applicable to short-distance transmission, while single-mode optical modules are applicable to long-distance transmission. Single-mode optical modules will be widely

#### Huawei EA5801-GP08 OLT Optical Line Terminal with 8 GPON Ports

Huawei EA5801-GP08 OLT Carrier AC/DC Power Supply The Huawei EA5801E-GP08-H2 is a compact, low-density box-shaped Optical Line Terminal (OLT) designed for passive optical LAN (POL) and

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10g/25g-1310m-10km/80kmsfp original, taobao taobao taobao/tmall tens of millions  
of hot sale, official logistics can

#### 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).

#### Optical Fiber

When using optical modules and optical fibers, pay attention to the following to ensure proper communication between devices: Use single-mode and multi-mode optical fibers as required. Tx

Huawei SFP 1310 10KM Price

The Best Huawei Products Price List Checking Tool ICT-Router, Switch, Optical Transmission & Access Network

1.25 Gbit/s SFP/eSFP Optical Module

You can use different levels of 1.25 Gbit/s SFP/eSFP optical modules with GE interfaces and 10 GE interfaces. The wavelength of common 1.25 Gbit/s SFP/eSFP optical modules can be 850

Empowering Enterprise Connectivity: An In-Depth Look at the Huawei ...

Discover the details of Empowering Enterprise Connectivity: An In-Depth Look at the Huawei S5735-L48P4X-A Switch at LonRise Equipment Co. Ltd., a leading supplier in China for

Cisco SONET/SDH SFP Modules

The Cisco industry-standard Small Form-Factor Pluggable Interface Converter (SFP) for Packet-Over-SONET/SDH (POS), optical networking, and

Huawei SFP-GE-LX-SM1310-A Single Mode Fiber Transceiver

Professional Huawei SFP module with 1.25Gbps data rate, 1310nm wavelength & 10km range. 100% H3C compatible with lifetime warranty.

8 Pluggable Modules for Interfaces

Single-mode optical modules are used with single-mode fibers. Single-mode fibers support a wide band and large transmission capacity, and are used for long-distance transmission.

Huawei Network Switch S5736-S24UM4XC with 24\*100M/1G

Huawei Switch S5736-S24UM4XC The Huawei Switch S5736-S24UM4XC (Part Numbers: 98011020, 98011020-001, 98011020-004) is part of the CloudEngine S5736-S Series, featuring next-generation

Huawei Switch S5710-108C-PWR-HI with 4 Interface Slots 1024 Gbit/s ...

Huawei Switch S5710-108C-PWR-HI (02354043) The S5710-108C-PWR-HI is an advanced Ethernet switch based on Huawei's Versatile Routing Platform (VRP). Featuring 48 GE ports

622M STM-4/OC12 120km CWDM SFP Transceiver

This 622Mbps CWDM SFP transceiver module provides a 120km transmission distance over single-mode fiber. It features a highly reliable CWDM DFB

Huawei OSX010000 SFP+ 10G Single Mode Optical

Huawei OSX010000 SFP+ 10G transceiver for single-mode fiber, 1310nm wavelength, 10km range. Compliant with 10Gbase-LR standard.

Huaweis SFP+ 10G Single Mode Optical Module 1310nm 10km LC

Model Number OSX010000 Brand Name huaweis Place of Origin Guangdong, China

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

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

AFCT-5755PZ SFF Optical Module Single-Mode

High quality AFCT-5755PZ SFF Optical Module Single-Mode OC12/STM-4 with Optional DMI from China, China's leading product market fiber sfp module

Huawei Switch S5700S-28X-LI-AC with 24 x 10/100/1000BASE-T

The Huawei S5700S-28X-LI-AC (02350HEC) is a Layer 2 distribution switch designed for business environments. It features 24 x 10/100/1,000 Base-T Ethernet ports and 4 x 10 GE SFP+ ports,

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

Datasheet Archive: OPTICAL MODULE FACTORY 158 datasheets

View results and find optical module factory 158 datasheets and circuit and application notes in pdf format.

Optical Modules in General-Purpose Computing Scenarios

Huawei offers a comprehensive portfolio of pluggable StarryLink optical modules for data center networks, with various models providing flexible plug-and-play solutions tailored to diverse interface

Optical Fiber

Use a multimode fiber jumper for a multimode optical module. Use a single-mode fiber jumper for a single-mode optical module. Determine the optical connector type based on the interface type.

Huawei Technical Support

This document provides technical details about 1Gbps eSFP Optical Modules, including specifications and support information.

## Optical Module Industry Statistics 2026

Our in-depth market data report on Optical Module Industry. Explore verified statistics and the latest research.

## Newsroom

Huawei's official news feed, bringing you real first-hand information

## Huawei Optical Transceiver eSFP GE Single-Mode Module

The Huawei eSFP GE Single-Mode Module 1310 nm 10 km LC delivers reliable 1 Gbps fiber connectivity for long-distance networks. Designed for enterprise switches and routers, it supports Digital

## 40GE QSFP+ Optical Modules

Comprehensive guide to Huawei's 40GE QSFP optical modules for enhanced network connectivity and performance.

## 10 Gbit/s SFP+ Optical Module

The wavelength of these 10 Gbit/s SFP+ optical modules can be 850 nm, 1310 nm, or 1550 nm, and the transmission distance ranges from 0.3 km (0.19 mi.) to 80 km (49.71 mi.). Figure 1

## Gigabit Ethernet, OC3, OC12, OC48, STM1, STM4 and STM16

The module converts digital signals from multi-mode/single-mode to single-mode fibers and covers distances of 80km (50 miles) and 120km (75 miles) for GbE (data rate is from 100Mbps to 2.5Gbps).

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For more information, pricing, or custom solutions, please contact us:

Website: <https://www.e-motional.eu>

Email: [info@e-motional.eu](mailto:info@e-motional.eu)

Phone: +49-30-657-8924

Address: Friedrichstraße 101, 10117 Berlin, Germany

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