


# Huawei optical module year

## Ordering information

NO.	1	2	3	4	5	6
Model	SPF12M1	SPF24M2	SPF48M4	SPF6M1	SPF12M2	SPF24M4
Product name	Patch Panel	Patch Panel	Patch Panel	Patch Panel	Patch Panel	Patch Panel
Illustration						
HU	1	2	4	1	2	4
Maximum number of cores	144	288	576	144	288	576
Product size (excluding modules and adapters)	482.6*371.1*44 mm	482.6*371.1*88.1 mm	482.6*371.1*177 mm	482.6*371.1*44 mm	482.6*371.1*88.1 mm	482.6*371.1*177 mm
Standard color code	RAL9005	RAL9005	RAL9005	RAL9005	RAL9005	RAL9005





## Overview

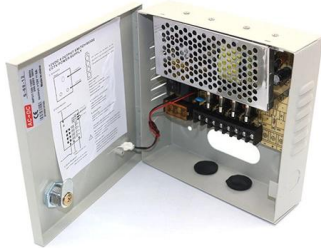
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At MWC 2025, Huawei officially launched the StarryLink optical module to the global market. According to the latest market report released by LightCounting, a renowned research organization in the global optical communications industry, HISILICON Optoelectronics was ranked third in the world in the TOP10 global optical module supplier rankings in 2021, and HISILICON's optical module. It further makes space for more significant features that can enhance the user experience.



## Huawei optical module year

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### Huawei Unveils StarryLink Optical Modules That

[Barcelona, Spain, March 4, 2025] At MWC Barcelona 2025, Huawei introduced the StarryLink optical modules, aimed at creating a network experience with "3S" quality (Spanning, Stable, Secure).

### Optics Transceiver Module Market 2025

Which key companies operate in Global Optics Transceiver Module Market? -> Key players include TDK, Hamamatsu Photonics, Cisco, HP, Juniper, Huawei, Broadcom, among others. What are the



#### Waterproof and dustproof, reliable and safe

The outer classic sink design allows the sealing ring of the cabinet and door to be seamlessly compressed without leaving a trace of gaps



### 2 Tbps DWDM momentum builds as Huawei moves into early

Then, at the system level, Huawei also internally develops and manufactures the major components of its optical line systems, including its pump lasers and WSS modules, giving the

### Over 20 Million 400G & 800G Datacom Optical Module

BOSTON (January 7, 2025) - Total shipments of leading-edge datacom optical modules are projected to tally over \$9 billion for 2024, according to the latest



### **StarryLink Optical Module**

The annual failure rate of optical modules is 4%, leading to an average interruption in training for a 10,000-GPU cluster once every 3.6 days. The average fault recovery time is 2 hours, resulting in a



### **HISILICON Optical Module Shipments , Weyland**

However, in the 2021 optical module shipment TOP10 list released in 2022, the number of Chinese enterprises has increased to five, with the addition of HISILICON and Eoptolink, and the



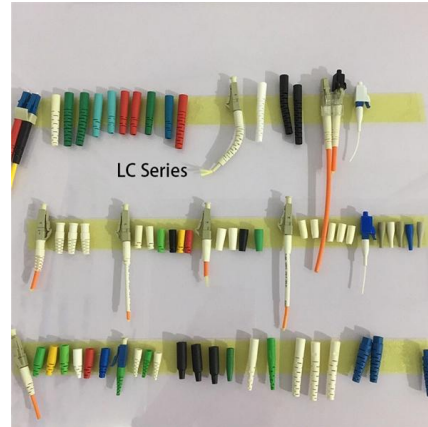
### **Yole Group**

Yole Group - Access daily business, market & technology updates in the semiconductor industry, our Analysts' Analysis and Presentations and more



### Huawei XFP-10G-1550NM-80KM-SM Optical Module Sample Report

Huawei has model XFP-10G-1550NM-80KM-SM optical module products, which can support 10G Ethernet transmission of 80KM in single-mode fiber, Moduletek Laboratory has tested

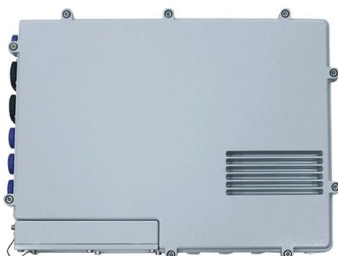


### Huawei Optical Module Common Models

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

### SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver

What Is SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver Module? SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver Module CISCO, HUAWEI,



### Future All-optical Network Architecture and Key Technologies

New Solutions Future All-optical Network Architecture and Key Technologies Evolving towards the 2030 optical communications network system and architecture is a key issue facing the optical



## LightCounting :: Scale-up networks in AI Clusters is a

A surge in AI development created a new wave in demand for optical connectivity in 2023-2025 and it will sustain the market's growth through 2030. The Figure below

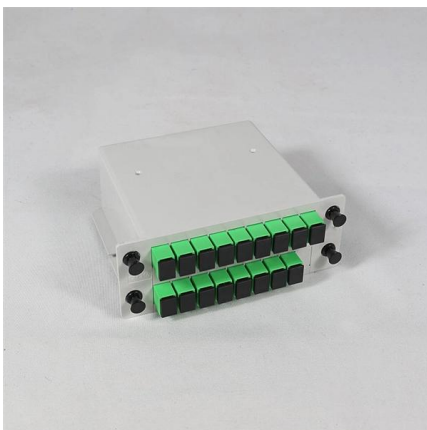
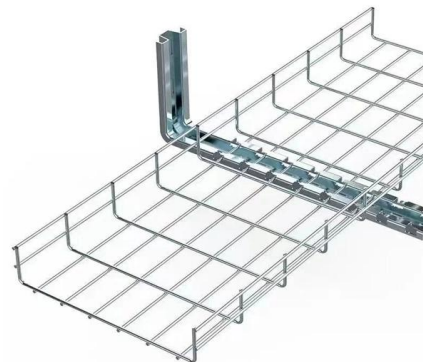


### Optical Modules for Huawei S Series Switches

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

### Installing an Optical Module

Installing an Optical Module Context This section describes how to install an optical module. The method used to install a copper transceiver module is the same, except that the copper transceiver module



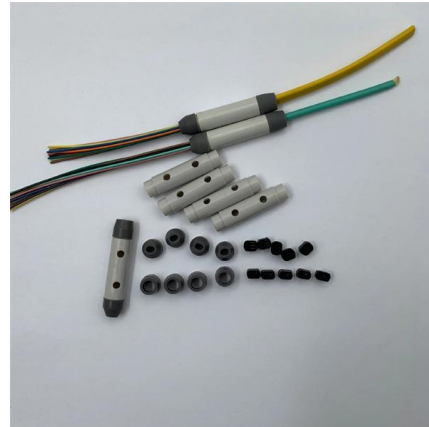
### Full list of Huawei phones with the best cameras in 2026

Huawei Mate 70 Air For those who want a slim device without sacrificing optics, the Mate 70 Air is a unique "super-slim" flagship (6.6mm) released late last year.



### 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.



### 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)

### What Is StarryLink Optical Module? Why Do We Need It?

At MWC 2025, Huawei officially launched the StarryLink optical module to the global market.



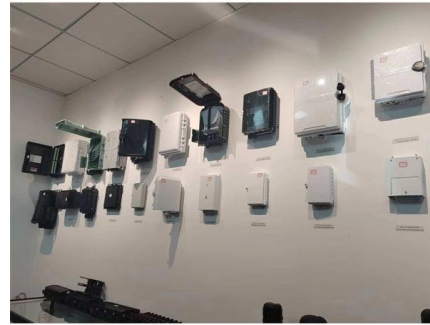
### Installing Optical Modules

The device must use optical or copper modules recommended on the configurator because non-Huawei-certified optical or copper modules cannot ensure transmission reliability and may affect service

### Huawei CX916 SWITCH MODULE Price



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

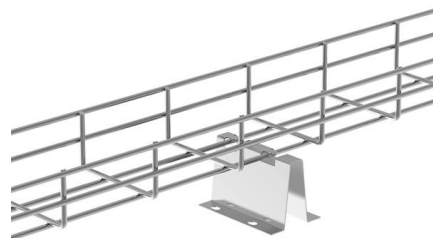


### Replacing an Optical Module

Follow these guidelines when replacing an optical module: Wear an ESD wrist strap or gloves when replacing the cables. Ensure that the new optical module has the same center wavelength and

### 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



### Is Huawei a manufacturer of optical chips or optical modules?

6. Conclusion Huawei is both a producer of optical modules and a developer of optical chips, but its public identity is stronger in optical modules, as these are the end products deployed worldwide. Its



### Huawei announces all-new Huawei TruSense System

Huawei's response to this demand is a system that integrates all of the company's latest advances in vital sign monitoring -- HUAWEI TruSense



### Huawei patent shows new optical module with improved

Huawei recently applied for an optical module and communication tech patent which aims to reduce the cost of manufacturing for effective camera

### Huawei S6720-LI Series Switch Optical Module Solutions

As a professional optical module manufacturer, Walsun can provide optical modules compatible with various brand switches, including Huawei. For the optical module configuration of



### 1.25G SFP BIDI OPTICAL TRANSCEIVER MODULE

1.25G SFP BIDI Tx1550/Rx1490nm 120KM SMF DDM LC CISCO JUNIPER HUAWEI COMPATIBLE SFP OPTICAL TRANSCEIVER MODULE The SFP-BIDI transceivers are high performance, cost



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