

# **10 Single-mode Optical Modules from Huijue**





## 10 Single-mode Optical Modules from Huijue

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### Huawei Technical Support

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

### Types of Optical Modules

Multimode optical modules are used together with multimode optical fibers. Multimode fibers have lower transmission performance than single-mode fibers because of modal dispersion, but their costs are



### Top 10 Optical Module Brand & Manufacturers

Find the Top 10 Optical Module brand, manufacturers, and exporters. Get the contact details and addresses of companies producing Keywords.

### 10-Gigabit Single-mode Optical Module Dual-fiber

10-Gigabit Single-mode Optical Module Dual-fiber  
SFP+10g1310nm10km40 80km OSX001002



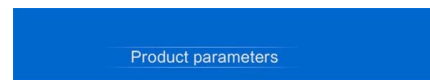
### 10G SFP+ LR, 1310nm, 10km, DDM, LC/UPC Duplex, Single Mode,

With this Mini-Gbic you can carry out installations up to 10km away using Single Mode optical fiber (SMF) using two fibers through fused cables or optical cords.



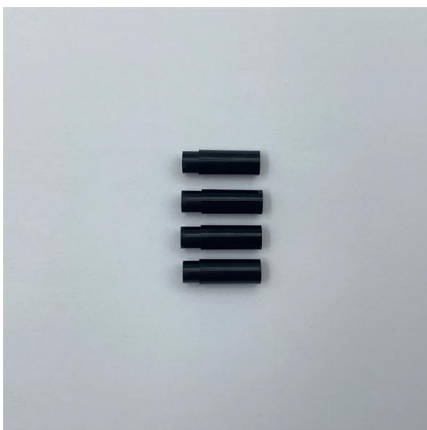
### Optical Modules for Huawei S Series Switches

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



### 10-Gigabit Single-Mode Optical Module Dual-Fiber

The modules in the original package and the small white box with the same SN code are individually packaged with the original factory seal.





### **XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM**

XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM Duplex LC SMF Optical Transceiver Module Applicable to data center and campus networks, enabling cost-effective, efficient, and high



### **Understanding Single-mode and Multi-mode Optical**

Conclusion: In conclusion, single-mode and multi-mode optical modules and fibers serve distinct purposes in sfp optical module communication, offering

### **Huawei Optical Modules and Cables**

Buy Genuine Huawei Optical Modules and Cables from GenuineModules with best price and fast worldwide shipping.



### **GE eSFP 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

### **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.



## 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

## 10 Gigabit single-mode optical module- JIAXUN

10 Gigabit single-mode optical modules are optoelectronic conversion devices that support high-speed data transmission of 10Gbps. They use single-mode fiber for long-distance communication and are



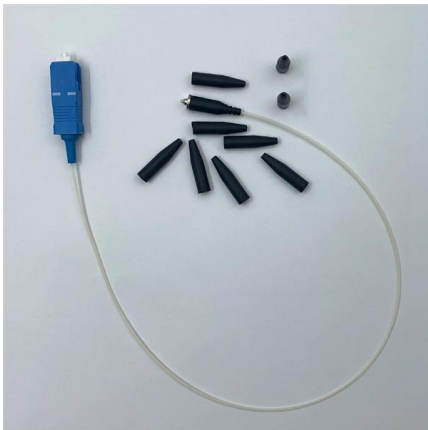
## Huawei Optical Transceiver eSFP GE Single-Mode Module

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



## Understanding Single-mode and Multi-mode SFP

A: SFP single-mode optical modules and SFP multi-mode optical modules are incompatible. If you mix SFP single-mode optical modules and SFP multi-mode



### 02310QBJ

And the Huawei SFP-10G-BXU1 10GBase, BIDI Optical Transceiver, SFP+, 10G, Single-mode Module (TX1270nm/RX1330nm, 10km, LC) is factory new with

## FAQs About Optical Modules

For details about the optical modules supported by optical ports on switches, see "Appearance and Structure" of a specific switch model in the Hardware Description. The following figure shows the



### 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 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

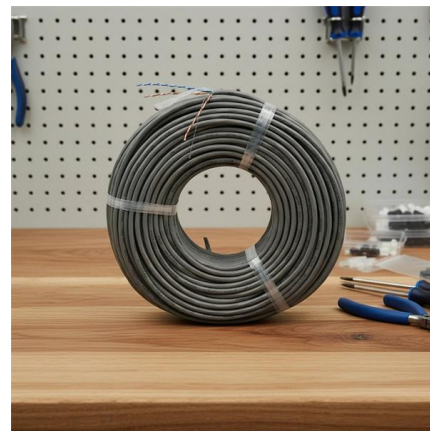


## Single Mode Optical Modules Market 2026

Single Mode Optical Modules Market size was valued at USD 5.8 billion in 2025. The market is projected to grow from USD 6.3 billion in 2026 to USD 10.2 billion by 2034, exhibiting a CAGR of 6.1% during

### XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM

The XG-SFP-LR-SM1310 is aligned to IEEE 10GBASE-LR optical specifications and supports a link length of up to 10 kilometers over a single-mode fiber (SMF) with an LC connector. It adopts the



## Types of Optical Modules

Therefore, optical modules are also classified into single-mode and multimode modules to support different optical fibers. Single-mode optical modules are used with single-mode fibers.



### 10G Single-Mode Optical Module

SFP+ transceiver that supports 10G connections up to 10 km using single-mode fiber with a duplex LC UPC connector.



### SFP+ Optical Transceiver Modules (10G-SR/LR)

Amphenol SFP Optical Modules or SFP+ Optical Modules from Cables on Demand are Now Available in both Short Range (SR) Multimode and Long Range (LR)

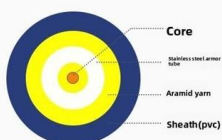


### Huawei SFP-GE-LX-SM1310 1GE 1310nm 10km SFP

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



### Armored optical cable



### Types of Optical Modules

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



## 10-Gigabit Single-mode Optical Module Dual-fiber

Supplier highlights: This supplier mainly exports to Singapore, Hong Kong, and Ethiopia, offers quality control services, and supports design and sample customization with a customer satisfaction rate of



## Contact Us

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For datasheets, pricing, or custom high-speed optical interconnect solutions, please visit:  
<https://www.syropy.com.pl>