

Article Overview

Huawei optical modules are available as original sealed products or as OEM-compatible modules, with differences in warranty, packaging, and sourcing.

Original Huawei Optical Modules

Original Huawei modules are manufactured and packaged by Huawei, ensuring full compatibility, quality assurance, and warranty coverage. These modules include SFP, SFP+, XFP, and GPON OLT transceivers, designed for Huawei routers, switches, servers, and OLTs . Key features include:

- o Sealed packaging with Huawei branding and serial numbers for authenticity .
- o Warranty and support: Typically comes with a standard hardware warranty (e.g., 1 year for GPON modules) and access to Huawei technical support .
- o Plug-and-play compatibility: Guaranteed to work with Huawei devices without configuration issues .
- o Global suppliers: Available from authorized distributors like Uonel and Hi-Network, offering worldwide shipping and technical assistance . These modules are ideal for enterprise networks, data centers, and service providers requiring reliable performance and official support.

OEM-Compatible Huawei Modules

OEM or compatible modules are produced by third-party manufacturers to match Huawei device specifications. They are designed to be functionally compatible but are not branded or packaged by Huawei . Key points include:

- o Cost-effective alternative: Often cheaper than original Huawei modules.
- o Compatibility: Supports standard interfaces like 100M, 1G, 10G SFP/SFP+, and XFP for multimode (850nm) and singlemode (1310nm/1550nm) applications .
- o Limited warranty: Warranty and support depend on the OEM supplier, not Huawei.
- o Packaging: Usually generic or supplier-branded, without Huawei seals. OEM modules are suitable for budget-conscious deployments or non-critical applications where official Huawei support is not required.

Choosing Between Original and OEM

- o Critical networks: Original Huawei modules are recommended for guaranteed performance, warranty, and support.
- o Cost-sensitive projects: OEM-compatible modules can reduce expenses while maintaining functional compatibility.
- o Verification: Always check supplier credibility and ensure modules match Huawei specifications to avoid



Huawei Optical Module OEM Package

device errors or network issues.

Suppliers and Availability

- o Original modules: Available from Huawei distributors like Uonel, Hi-Network, and GenuineModules.com .
- o OEM modules: Available from specialized resellers such as Fiber24, offering a range of SFP, SFP+, and XFP transceivers compatible with Huawei devices . In summary, original Huawei optical modules provide full authenticity, warranty, and support, while OEM-compatible modules offer a cost-effective alternative with functional compatibility but limited official support. The choice depends on network criticality, budget, and supplier reliability.

Optical Module: Typical Optical Module Troubleshooting Procedure Check the model of the faulty optical module. If it is not a Huawei

To determine whether optical modules delivered for Huawei switches before July 1, 2013 are certified ones, contact Huawei technical

Optical modules are hot swappable, and you do not need to power off the switch when replacing optical modules. Optical modules

Description	100GBase-SWDM4	Optical	Transceiver,QSFP+,100GE,Multi-mode
Module(850,0.075km-OM3,0.1km-OM4,LC)			

These modules support transmission distances up to 60 km, provide excellent optical budgets, and are optimized for

To address these challenges, Huawei's StarryLink optical modules deliver a high-quality network experience with

Fundamentals of an Optical Module As an important part of fiber-optic communication, an optical module is a photoelectric converter

Optical Transceiver,SFP+,9.8G,Single-mode Module 1310nm,1.4km,LC. Table 1 shows the quick specification. Figure 1 shows the

We provide original new Huawei Routers,Switches,Firewalls,Wireless APs & controllers,OLTs,GPON modems,optical

In the AI era, Huawei provides a full range of GE to 800GE optical modules, featuring three major



Huawei Optical Module OEM Package

capabilities: Spanning (ultra-long

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

On an optical network, a sender needs to convert electrical signals into optical signals before sending them to a receiver, and the

Optical Performance Optical Communication Technologies Optical Components Optical Power Management Ultra-High

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

Huawei SFP-25G-LR Compatible 25G LR Optical Transceiver Module with SFP28 footprint is compliant to IEEE802.3ba, SFF-8402,

Non-Huawei-certified optical modules are not verified through interoperability tests with Huawei switches and may cause unexpected

Web: <https://bssoda.pl>

