

Sc optical module Huawei



Article Overview

Huawei manufactures a broad range of optical modules, including those compatible with SC connectors, for switches, routers, and data center networks.

Huawei produces optical modules that convert electrical signals into optical signals for fiber-optic transmission, supporting high-speed networks from GE to 800GE . These modules include SFP, SFP+, QSFP, QSFP28, and co-packaged optics, designed for high-density, low-power, and scalable deployments . Huawei emphasizes certified modules to ensure reliability and service stability on its switches, with labels and command outputs indicating Huawei certification . SC Connector Compatibility: SC connectors are widely used in fiber-optic networks, and Huawei's optical modules, including 100M, 1G, 10G, 40G, and 100G modules, are available in various form factors that support SC interfaces, particularly for multimode and single-mode fiber applications . Huawei also provides proprietary solutions like StarryLink modules for data centers, which offer ultra-reliable, long-distance, and secure interconnections, compatible with standard fiber connectors including SC . Certification and Reliability: Huawei ensures that all optical modules undergo comprehensive functionality verification. Certified modules display the Huawei brand and meet strict quality standards, reducing the risk of transmission errors and service interruptions . For modules connected to high-speed or AOC cables, Huawei provides technical support to confirm certification and compatibility. In summary, Huawei does offer SC-compatible optical modules, and these are integrated into its certified product lines for switches, routers, and data center networks, ensuring high performance, reliability, and secure fiber-optic connectivity .

Article Content

Haile GPON OLT SFP-GPON-OLT-40 | 40KM Optical Module SC

With a powerful 40KM transmission capability and SC interface, this GPON OLT module is fully compatible with Huawei, ZTE, and

10G SFP+ Module SC 10KM BiDi Single Mode Fiber

Buy 10G SFP+ Module SC 10KM BiDi Single Mode Fiber Optical Transceiver Module For H3C, Ruijie,

Huawei SFP-GE-BXU1-SC 1000Base BIDI 10km SC

Using an SC connector and BiDi technology with 1490 nm transmit and 1310 nm receive wavelengths, this

Huawei SPL2605 Optical Splitter 2:8 PLC SC/UPC Single Mode

Huawei SPL2605 Overview Huawei's SPL2605 Optical Splitter is a premium optical distribution network device designed for single

Original SFP Huawei GPON-OLT-CLASS-C+/C++ Optical Module

Product Description Original SFP Huawei GPON-OLT-CLASS-C+/C++ Optical Module GPON Optical Module A GPON optical

10GE SFP+ Optical Modules

10GE-CWDM SFP+ Optical Modules 10GE-DWDM SFP+ Optical Modules 40GE QSFP+ Optical Modules Industrial Optical Modules

Huawei PON SFP Modules | GPON XG-PON XGS-PON & 50G-PON

Huawei PON SFP modules are carrier-grade optical transceivers designed for GPON XG-PON XGS-PON & 50G-PON

H87MMA5671A2 Huawei GPON CLASS B+ SFP module | EDGE

H87MMA5671A2 Huawei GPON CLASS B+ SFP compatible module (PN:03031QHU) is fiber optic transceiver

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

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

Types of Optical Modules

Provides detailed information about different types of optical modules and their applications in Huawei products.

Understanding Optical Modules

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

Understanding Pluggable Optical Modules

Optical modules are available in various types to meet diversified requirements. Classified by transmission rate Currently, the

Optical Modules in General-Purpose Computing Scenarios

Huawei offers a comprehensive portfolio of pluggable StarryLink optical modules for data center networks, with various models

StarryLink Optical Module

Huawei's StarryLink optical modules for data center networks offer seamless interconnection from GE to 800GE across all scenarios,

Replacing an Optical Module

Replacing an Optical Module Context Never look directly into an optical module or the ends of optical fibers. Optical modules and

Optical Modules for Huawei S Series Switches

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

Optical Transmission Basics 01

Fiber Optical Module Optical Performance Optical Communication Technologies Optical Components Optical Power Management

01-10 OPTICAL MODULES

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

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

Checking Whether the Optical Fiber and Optical Module Match

Procedure Check the optical module type. Generally, an optical module has a label attached, identifying the rate, center wavelength,

Huawei Unveils StarryLink Optical Modules That ...

At MWC Barcelona 2025, Huawei introduced the StarryLink optical modules, aimed at creating a network experience

Optical Fiber

You are advised to use Huawei optical modules. Optical modules from other vendors may cause incompatibility issues and lead to

Introduction of Optical Modules on Huawei Switches

Introduction of Optical Modules on Huawei Switches On an optical network, a sender needs to convert electrical signals into optical

Fundamentals of an Optical Module

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

Optical Fiber

Single-mode optical modules must be used with single-mode optical fibers. Multimode optical modules must be used with multimode

Huawei Unveils StarryLink Optical Modules That Deliver Ultimate

BARCELONA, Spain, March 6, 2025 /PRNewswire/ -- At the Mobile World Congress 2025 (MWC 2025), Huawei launched the

Contact Us

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