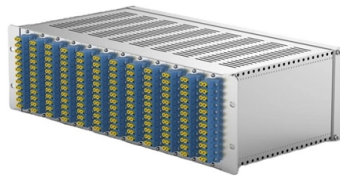


Huawei Switch Supported Optical Modules



Summary of Content

Huawei switches support a range of certified optical modules, including SFP, eSFP, SFP+, SFP28, XFP, QSFP+, QSFP28, and CFP, across speeds from 100M to 800GE, with certification ensuring reliability and compatibility.

Certification and Compatibility

Huawei requires that switches use certified optical or copper modules to ensure transmission reliability and service stability. Non-certified modules may cause network issues, and Huawei does not provide support for problems arising from their use. Certification for 10GE or lower modules began on July 1, 2013, and for 40GE/100GE modules on January 1, 2016. Certified modules are labeled with "HUAWEI," and their details can be verified using commands like `display transceiver` or `display version`.

Supported Form Factors and Speeds

Huawei S series switches support a variety of optical module form factors and speeds:

- SFP: Small Form-Factor Pluggable, supports LC fiber connectors, typically 100M-1GE.
- eSFP: Enhanced SFP with monitoring capabilities for voltage, temperature, and optical power.
- SFP+: High-speed SFP, commonly 10GE.

Article Content

Optical Modules for Huawei S Series Switches

Huawei switches support optical modules of the following encapsulation types: CFP, QSFP+, QSFP28, XFP, SFP, eSFP, and SFP+.

How Do I Select Optical Modules and Fibers?

Optical modules work with optical fibers to transmit optical signals. An optical module works in full-duplex mode with a pair of optical

How to Identify Huawei-Certified Switch Optical Modules

Huawei started certification on 25GE, 40GE, and 100GE optical modules for S switch products on January 1, 2016. To

How To View Optical Transceiver Information On Huawei Switches

Optical transceivers are widely applied in switches, network cards, routers and other communication devices.

Important Notes About Using Optical Modules Certified for Huawei ...

Accessories Important Notes About Using Optical Modules Certified for Huawei Switches How to Identify Huawei-Certified Switch

Optical Modules for Huawei S Series Switches

To determine whether optical modules delivered for Huawei switches before January 1, 2016 are certified ones, contact Huawei

Are the CloudEngine Series Switches Required to Use Optical Modules ...

The CloudEngine series switches must use optical modules that are certified for Huawei Ethernet switches. Optical or copper

Important Notes About Using Optical Modules Certified for Huawei ...

100GE QSFP28 Optical Modules Important Notes About Using Optical Modules Certified for Huawei Switches How to Identify

How to View Optical Module Parameters

Using a Command If an optical module is installed in a running device, you can run the display transceiver command

How Do I Determine the Optical Modules and Cables Supported by a

To determine the optical modules supported by a switch, see the "Appearance and Structure" section of the specific chassis model

Optical Module Solutions for Huawei S5700/S5720 Series Switches

This article summarizes several solutions for using optical modules with switches and common problems encountered

8 Pluggable Modules for Interfaces

A switch must use optical or copper modules that have been certified for use on Huawei S switches. Non-certified optical or copper

Optical Module Solutions for Huawei S5700/S5720 Series Switches

When using switches, we may encounter many confusions, such as what types of optical modules are needed for

Types of Optical Modules

This document provides an overall description of the CE5800& 6800& 7800& 8800 series switches hardware that versions earlier than

Important Notes About Using Optical Modules Certified for Huawei ...

Support Documentation Switches Campus Switch S3700& S5700& S6700 Learn About Products Hardware Description

Types of Optical Modules

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

How Do I Determine the Optical Modules and Cables Supported by a

CloudEngine 9800, 8800, 7800, 6800, and 5800 To determine the optical modules supported by a switch, see the "Appearance and

Understanding Optical Modules

S300, S500, S2700, S3700, S5700, S6700, S7700, and S9700 Series Switches Typical Configuration Examples

Optical Transceiver Manufacturer, Do You Worry About Whether The

When many customers purchase optical module products, they will worry about one question: can your module be compatible with

How to Identify Huawei-Certified Switch Optical Modules

10GE or Lower Speed Optical Modules Huawei started certification on 10GE or lower speed optical modules for S switch

Troubleshooting for Optical Modules on Huawei Switch

Troubleshooting for Optical Modules on Huawei Switch Many friends feedback that one problems occurred when using optical

Optical Fiber

AOC An active optical cable (AOC) is a fixed-length optical fiber with optical modules at both ends. It can be directly connected to an

How to Identify Huawei-Certified Switch Optical Modules

A switch must use optical or copper modules that have been certified for use on Huawei S switches. Non-certified optical

Troubleshooting for Optical Modules on Huawei Switch

Check whether the optical module is Huawei-certified. If it is not certified by Huawei, replace it with a

Introduction of Optical Modules on Huawei Switches

If an optical module is installed in a running switch, you can run the display transceiver command to view parameters of the optical

Introduction of Optical Modules on Huawei Switches

Check Optical Module Parameters: If an optical module is installed in a running switch, you can run the display transceiver command

Installing optical module tutorial for HUAWEI switch

In the switching field, HUAWEI has accumulated a large number of industry-leading intellectual property rights and

Contact Us

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