

Huawei Switch Single-Fiber Optic Module Settings



Overview

Taking the Huawei 5700 series switches as an example, the commands to view optical module information are as follows: Transceiver Type :1000_BASE_SX_SFP Connector Type :LC Wavelength(nm) :850 Transfer Distance(m) :300(50um),150(62.5um) This document covers interface management configurations, including interface basic configuration, Ethernet interface configuration, logical interface configuration, and port isolation configuration. Solution: To solve this problem, you can follow these steps: Check if the fiber and optical modules are compatible. Single-mode/multimode fibers and. HUAWEI S5700-24TP-SI (AC) switch is one of the more popular products. Size (width x depth x. HUAWEI TECHNOLOGIES CO. Copyright © Huawei Technologies Co. All other trademarks and trade names mentioned in this document are the property of their respective holders. During use, reading optical module information helps understand its real-time operating status, enabling faster troubleshooting of link abnormalities. The following uses the. How Can I Determine Whether an Optical Module Is a Huawei-Certified Optical Module?

What Can I Do If the Optical Power Is Low or High?

How Can I View Optical Power Information?

How Can I View the Optical Module Wavelength?

How Can I View the Optical Module Transmission Distance?

How Can I View the.

Article Content

Nov 19, 2025

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 module, including the

Nov 18, 2025

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 different models of Huawei switches, and how to resolve issues encountered

Apr 01, 2026

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

May 15, 2026

Configuring Unidirectional Single-Fiber Communication

The unidirectional single-fiber communication function can address this issue. An optical module typically consists of a transmit (TX) end and a receive (RX) end, which can be respectively

Apr 08, 2026

How To Read Optical Module Information On Huawei Switches

The following uses the Moduletek SFP-10G-LR module connected to a Huawei S6700 switch as an example to introduce how to read information of the connected optical module on a Huawei switch.

Jan 21, 2026

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

Jul 17, 2025

OPTICAL MODULES FOR HUAWEI S SERIES SWITCHES

If an optical module is installed in a running switch, you can run the display transceiver command to view parameters of the optical module, including the center wavelength, transmission distance, fiber types

Mar 05, 2026

Configuring Unidirectional Single-Fiber Communication

Context Unidirectional single-fiber communication enables a device to send but not receive packets or, conversely, to receive but not send packets. A single fiber means that two optical modules are

Apr 13, 2026

CX320 Switch Module V100R001 Command Reference 14

If the RX end of the local optical module is connected to the TX end of the remote optical module, the local device only receives packets and the remote device only sends packets. The remote device

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Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Jul 06, 2025

Displaying Optical Module Information

To determine whether optical modules delivered for Huawei switches before January 1, 2016 are certified ones, contact Huawei technical support. If your optical modules are delivered after January

Jan 20, 2026

Huawei Optical Switch View Optical Module Commands

Taking the Huawei 5700 series switches as an example, the commands to view optical module information are as follows:

Jan 20, 2026

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 to view parameters of the

Apr 08, 2026

Installing Optical Module Tutorial For HUAWEI Switch

Module installation is an important factor affecting the service life of switches and modules. In the installation process, be sure to follow the installation steps

Aug 15, 2025

How To Switch Optical-Electrical Mode On Huawei

Take the Huawei AR5710S-S8T2X router as an example to understand how to switch the optical and electrical modes of the Combo interface of the Huawei

Apr 17, 2026

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 to view parameters of the optical module, including the center wavelength,

Jul 03, 2025

Troubleshooting for Optical Modules on Huawei Switch

When connecting switches through optical ports, pay attention to the following points: The optical modules used on both ends must have the same wavelength. The

Mar 02, 2026

Troubleshooting for Optical Modules on Huawei Switch

Check whether single-mode or multi-mode optical modules are used and whether the optical jumper type matches the transceiver modules. Run the display version

Oct 21, 2025

Configuring Unidirectional Single-Fiber Communication

The unidirectional single-fiber communication function can address this issue. A single fiber means that two optical modules are connected by only one fiber, and unidirectional communication means that

Feb 13, 2026

Huawei Technical Support

This document provides technical details about 1Gbps eSFP Optical Modules, including specifications and support information.

Feb 23, 2026

Installing Optical Transceivers and Connecting Optical Fibers

Before connecting optical fiber cables, read the following precautions: Do not overbend optical fibers, and the radius should not be shorter than 40 mm. Do not bundle the optical fibers too tight.

Apr 08, 2026

single-fiber enable

CX11x, CX31x, CX710 (Earlier Than V6.03), and CX91x Series Switch Modules V100R001C10 Command Reference 17 This document provides the configuration commands of each feature

Aug 25, 2025

How To Read Optical Module Information On Huawei Switches

Optical modules are widely used in switches, network interface cards (NICs), routers, and other communication devices. During use, reading optical module information helps understand its real

Nov 21, 2025

Configuring Unidirectional Single-Fiber Communication

Unidirectional single-fiber communication is configured. By default, unidirectional single-fiber communication is disabled. This document describes the interface management configuration,

Dec 14, 2025

Optical Module Solutions for Huawei S5700/S5720 Series Switches

This article summarizes several solutions for using optical modules with switches and common problems encountered during usage, along with specific solutions.

Oct 03, 2025

Optical Modules Market Research Report 2034

The optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034, growing at a CAGR of 11.5%.

Contact Us

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