

Huawei Switch Optical Port Status Information



Overview

Figure 1 Schematic Diagram of Optical Module Connected to Switch 1. Optical Module Status Check Run the following command to view interface information: display interface <interface-type> <interface-number> This command displays the digital diagnostic monitoring (DDMM) information about an optical module. What Is the Impact of Using Non-Huawei-Certified Switch Optical Modules?

How Can I Determine Whether an Optical Module Is a Huawei-Certified Optical Module?

What Can I Do If the Optical Power Is Low. 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-time operating status, enabling faster troubleshooting of link abnormalities. The specific viewing information is as follows:. This document describes how to check the switch interface or port status and how to locate an interface physically down fault and restore the interface to the up state. Execute the command, display. 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) Digital Diagnostic Monitoring :YES Vendor Name.

Article Content

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Typical Troubleshooting Cases of Optical Module

Check whether the information is consistent with the optical module specifications provided in the product documentation. (For details about the commands for querying port information, see the

Oct 19, 2025

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:

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Huawei Optical Switch View Optical Module Commands

View the general, manufacturing, alarm, and diagnostic information of the specified port optical module. Table 1 Description of the output information of

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Light Reading

Light Reading is the leading source of news analysis for communications industry professionals.

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How To Check If Interconnected Optical Ports Cannot

Log in to the switch through Telnet or console port to check the switch model. Run the display device command to check the switch model. Different optical

Dec 27, 2025

How Do I Check the Interface or Port Status?

Observe service interface indicators to quickly identify the service interface status. The following uses the S6730-H48X6C as an example. In Figure 22-122, the indicator numbered 4 is a 10GE optical

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Huawei Switches Viewing Optical Port Receiving and Sending

Use the command display transceiver to view the optical module information of all optical ports, and use the command display transceiver interface interface-type interface-number to view the

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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

Oct 08, 2025

Troubleshooting S Series Switch Port and Interface Problems

This document describes how to check the switch interface or port status and how to locate an interface physically down fault and restore the interface to the up state.

Sep 03, 2025

PON Interface Configuration Commands

The display epon-info interface pon command displays information about an Ethernet passive optical network (EPON) interface.

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How Do I Check the Transmit and Receive Optical Power of an Optical ...

CloudEngine 16800, 9800, 8800, and 6800 Series Switches Troubleshooting Guide (V300) How Do I Check the Transmit and Receive Optical Power of an Optical Module? Run the display interface

May 30, 2026

How To View Port Status And Optical Module Information On Cisco Switches

When optical modules operate on a switch, it is usually necessary to read the module's internal information to understand its working status—such as connection status and real-time

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Teach you to read the DDM information of the optical

The following picture is the optical module information queried on the Huawei switch, which is marked with the Chinese translation of the Optical

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Checking Optical Module Information of the Interface

Run the display interface interface-type interface-number transceiver [verbose] command to check optical module information. <HUAWEI> display interface 10ge 1/0/1 transceiver verbose

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How To View Port Status And Optical Module

When optical modules operate on a switch, it is usually necessary to read the module's internal information to understand its working status—such as

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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

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Displaying Optical Module Information

What Is the Impact of Using Non-Huawei-Certified Optical Modules? Huawei-certified optical modules have been tested to the highest standards to ensure their quality. Tests include the installation and

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Top 5 Huawei Display Commands That Make Network Management

Discover the top 5 Huawei display commands that simplify network monitoring and troubleshooting. Perfect for beginners and IT professionals looking to boost efficiency with Huawei CLI.

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Huawei enterprise switches

Huawei switches using non-certified optical module may not be able to read the information, can not guarantee the accuracy of the information read, recommend the use of Huawei certified optical

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View the Optical Module Status on a Switch through the Command

Step 2. In the Privileged EXEC mode of the switch, use the show fiber-ports-optical-transceiver command by entering the following: interface interface-id — (Optional) Specify an

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Displaying Optical Module Information

A switch must use optical or copper modules that have been certified for use on Huawei S switches. Non-certified optical or copper modules cannot ensure transmission reliability and may affect service

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Displaying Optical Module Information

When certifying an optical module, Huawei comprehensively verifies the functions of the optical module to ensure the optical module quality. The functions include the installation and removal, transmit and

Mar 02, 2026

How to Know Optical Power SFP-Detail Link-Details & Port ...

Hello friends,Welcome to Technical HakimIn this tutorial, we will learn how to verify port type, speed, link status, port optical rx and tx optics power, sfp...

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Checking the Optical Module Type

For the Huawei-certified optical modules, Huawei has added Huawei logo and identifier and changed the vendor information in the product elabel and optical module information into HUAWEI. When an

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Troubleshooting for Optical Modules on Huawei Switch

If the transmit power remains low, replace the optical module or install it in another optical port to check whether it is faulty. If the optical module is faulty, send it to ...

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port is disconnected due to optical module faulty

As per checked the log, it was found that the host port was disconnected, This alarm indicates the port and switch has been disconnected. Hence, we would advise you to perform cross

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Checking TX / RX optical power for Huawei Switches and Routers

Here is an example on how to query or display optical power of an interface in a Huawei Router. This is tested using NetEngine40E Universal Service Router or NE40E running version 8.x OS. display

Nov 16, 2025

What are the common check commands for Huawei

What are the commonly used inspection commands for Huawei switches? Many data in Huawei switches need to be queried using commands,

Sep 14, 2025

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,

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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

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