

Checking port optical signals on Huawei switches





Overview

Run the `display transceiver [interface interface-type interface-number | slot slot-id] [verbose]` command to view information about the optical module on a specified interface. During use, reading optical module information helps understand its real-time operating status, enabling faster troubleshooting of link abnormalities. Transceiver Type : 1000_BASE_SX_SFP Connector Type :LC Wavelength(nm) : 850 Transfer Distance(m) : 300 (50 um), 150.



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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.

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How Do I Check the Interface or Port Status?

Huawei S Series Campus Switches Troubleshooting Guide (V100 and V200) How Do I Check the Interface or Port Status? Checking Service Interface Indicators to Determine the Interface Status

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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

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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

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Troubleshooting S Series Switch Port and Interface Problems

When connecting two devices, check whether optical modules match optical interfaces, whether optical modules match fiber models, and whether optical modules and fibers



are connected correctly.

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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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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

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Checking the Optical Module Type

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

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Teach you to read the DDM information of the optical

Today, ETU-LINK will introduce how to query the information of optical module on Huawei switch. Next, we will introduce the query instructions of

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How To Check If Interconnected Optical Ports Cannot

Run the display device command to check the switch model. Different optical interfaces may support different types of optical modules. The selected optical



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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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Checking the Physical Link Status

Check that the wavelengths of optical modules used at both ends are consistent. Huawei-certified optical modules are recommended. If the devices are connected through an Eth-Trunk, run the display eth

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Optical Module Troubleshooting

Check whether an optical module that is certified for Huawei data center switches is installed on the optical interface. The CE series switches must use optical modules that are certified for Huawei data

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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. display interface 10ge 1/0/1 transceiver verbose

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Troubleshooting S Series Switch Port and Interface Problems

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



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 or copper modules cannot ensure transmission reliability and may

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Typical Troubleshooting Cases of Optical Module

Check whether the optical module is a Huawei-certified one. If not, replace it with a Huawei-certified optical module. If the optical module is installed on a GE port, run the display interface

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Optical Interface Interconnection Is Abnormal on CE Switches

CloudEngine 16800, 12800, 9800, 8800, 7800, 6800, and 5800 Series Switches
Troubleshooting Guide (V100 and V200) Optical Interface Interconnection Is Abnormal on
CE

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How to Check SFP Power in Huawei Switch? Is Your Network

If your network feels sluggish or devices mysteriously disconnect, the culprit might be smaller than you think--buried inside your Huawei switch. SFP power levels (optical transmit and receive power) are

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How Do I Query the Optical Power of an Interface?

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Troubleshooting Guide (V100 and V200) How Do I Query the Optical Power of an
Interface? You can



Displaying Optical Module Information

To determine whether optical modules delivered for Huawei switches before July 1, 2013 are certified ones, contact Huawei technical support. If your optical modules are delivered after July 1, 2013, use

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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 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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What are the common inspection commands for Huawei switches

Huawei switches are an important replacement of network nodes. We need to use a variety of inspection commands for routine maintenance of Huawei switches. Today, let's take a look

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Disabling the Alarm Function for Optical Modules That Are Not

Context If optical modules that are not certified for Huawei data center switches are used on devices, the devices will generate a large number of alarms to prompt users to replace these



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