

# Checking the optical signal at the port of the Huijue switch



## Overview

Form a loop on the port using an optical fiber, and check whether the port can go Up (if optical modules with a long transmission distance are used, use optical attenuators. When the optical module on an interface is faulty, you can run the display commands to view information about the optical module. Related Information Video Identify a Huawei-Certified Optical Module Run the display transceiver [ interface interface-type interface-number | slot slot-id ] [ verbose ]. 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 optical module information of a specific optical port. The specific viewing information is as follows: . Optical modules are widely used in switches, network interface cards (NICs), routers, and other communication devices. 5um) Digital Diagnostic Monitoring :YES Vendor Name.

## Article Content

### 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

### 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:

#### 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

#### View the Optical Module Status on a Switch through the

Once the transceiver and fiber optic cable are plugged in properly in the switch optical module, you should be able to view the current information for

#### 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

#### 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

#### 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

#### 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

#### How Do I View the Transmit and Receive Power of an Optical Module?

You can also run the display transceiver diagnosis command to check optical parameters of the optical interface. <HUAWEI>display transceiver diagnosis interface GigabitEthernet 0/0/8 Port

## 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

### 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

#### How To Check If Interconnected Optical Ports Cannot

1. Checking the Optical Module Type Log in to the switch through Telnet or console port to check the switch model. Run the display device command to check the

Teach you to read the DDM information of the optical

Execute the command, display transceiver diagnosis interface [ interface-type interface-number ], display optical transceiver diagnostic

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### PON Interface Configuration Commands

Usage Guidelines The display pon-transceiver interface pon command output includes the optical wavelength, identifier, transmission distance, version, bias current, voltage, and various alarm

#### Checking Whether Optical Module Types Match

View the Alarm information field to check whether the optical module is a non-Huawei-certified optical module. If the alarm message " Non-Huawei-Certified Transceiver " or " Non-Huawei-Ethernet-Switch

### 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.

#### Checking the Optical Module Type

Check whether the optical module used on the switch is certified by Huawei switches. For the Huawei-certified optical modules, Huawei has added Huawei logo and identifier and changed the vendor

### 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 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

Checking the Receive and Transmit Optical Power

If they are damaged, replace them. If the receive optical power is high (Current RX Power has a larger value than Default RX Power High Threshold), the transmit signal strength on the remote optical

Guidelines Corning Recommended Fiber Optic Test

Introduction This paper explains the recommended guidelines for testing an installed fiber optic system. Fiber optic testing of a newly installed system not only verifies that the system meets its design

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 ...

Common problems and solutions in the installation and

50/125u, while the single-mode optical fiber jumper jacket is printed with the words G652d or 9/125U; Self-loop check: the transmitter and receiver of

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

Checking Whether the Optical Port Reporting the Alarm Has Fiber

Query this alarm on the U2000, and record the port and channel number of the optical port that reports this alarm. Check whether boards on the upstream multiplexing path report this alarm on the U2000,

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