

# **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.



## Checking port optical signals on Huawei switches

---

### 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.

[Read More](#)

### 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

[Read More](#)



## **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

[Read More](#)

## **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

[Read More](#)

## **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.

[Read More](#)

## **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,

[Read More](#)

## **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

[Read More](#)



## 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

[Read More](#)

## 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

[Read More](#)

## 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 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

[Read More](#)

## **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

[Read More](#)



## 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

[Read More](#)

## 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`

[Read More](#)

## 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

[Read More](#)

## **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

[Read More](#)



## **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

[Read More](#)

## **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

[Read More](#)

## **How Do I Query the Optical Power of an Interface?**

CloudEngine 16800, 12800, 9800, 8800, 7800, 6800, and 5800 Series Switches  
Troubleshooting Guide (V100 and V200) How Do I Query the Optical Power of an  
Interface? You can



[Read More](#)

## 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

[Read More](#)

## 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:

[Read More](#)

## 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

[Read More](#)

## **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

[Read More](#)

## **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



[Read More](#)

## Contact Us

---

For datasheets, pricing, or custom data center infrastructure solutions, please visit:  
<https://zeldaterblanchephotography.co.za>