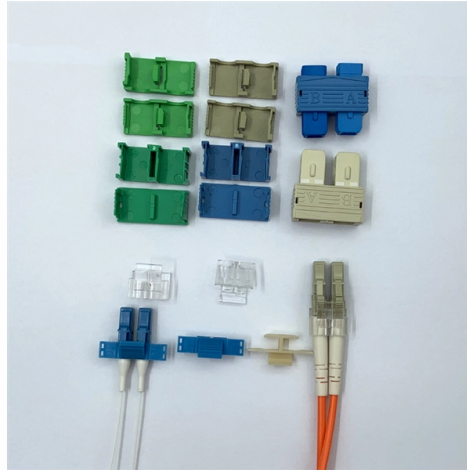


## Huawei switch optical value query command



### Overview

Run the `display transceiver [ interfaceinterface-typeinterface-number | slotslot-id ] [ verbose ]` command to view information about the optical module on a specified interface. Figure 1 Schematic Diagram of Optical Module Connected to Switch 1. Optical Module Status Check Run the. 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. Image Source: Pexels Purpose: Used to quickly view the. For inquiries about our products or pricelist, please leave your information with us and we will be in touch with in 24 hours. © Copyright: 2026 ETU-Link Technology CO. This is tested using NetEngine40E Universal Service Router or NE40E running version 8. Sample Output: (Can see link down and not receiving any power from the neighboring device) Or can do filtering:.



## Article Content

### 9 Query Commands for Huawei Switches

This article will introduce in detail the nine query commands of Huawei switches to help you quickly understand the operating status and configuration

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

### Displaying Optical Module Information

Run the display transceiver diagnosis interface [ interface-type interface-number ] command to view diagnostic information about a specified optical module. This command displays the digital diagnostic

### 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

### Ethernet Interface Configuration Commands

S1720, S2700, S5700, and S6720 V200R011C10 Command Reference This document describes all the configuration commands of the device, including the command function, syntax, parameters, views,

### Mastering Huawei Switch Management: 9 Essential

Managing network switches efficiently is a critical skill for IT professionals, and Huawei switches are widely recognized for their reliability and advanced features.

### 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,

### 9 Essential Huawei Switch Commands Every Network

This fundamental command lists the MAC addresses dynamically learned by the switch or statically configured and associates them with specific interfaces and

### How To View The Optical Module DDM Information On

View the optical module information on Huawei switches and H3C switches through the command

## Huawei MA56xx OLT Command Lists

Huawei MA56xx OLT Command Lists: View the current OLT version & patch: display board 0 display version display current-configuration display time

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

## 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:

### 9 Query Commands for Huawei Switches

With its excellent performance and rich functions, Huawei switches have become one of the preferred devices for many enterprise networks. This

### Querying the Optical Power Using the CLI

If the optical power cannot be measured onsite, you can log in to the OLT to query the Tx/Rx optical power of the OLT or ONU using the CLI. It is not recommended that you use the CLI to query the

### 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.

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

Run the display transceiver verbose command. In the command output, RX Power (dBm) displays the receive power of the optical module, and TX Power (dBm) displays its transmit power. <Quidway>

### 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

### 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.

### 9 Essential Huawei Switch Commands Every Network

While GUI interfaces evolve, the CLI remains the network engineer's scalpel, offering surgical precision for diagnosis and verification. For Huawei's versatile Ethernet

### 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`

### 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

### FAQ-How Do I View the Transmit and Receive Optical Power of an Optical ...

**Solution** Run the `display transceiver verbose` command. In V100R006C03 or V100R006C05 of fixed or modular switches The RX Power (dBm) field in the command output

### Basic Interface Configuration Commands

This document describes all the configuration commands of the device, including the command function, syntax, parameters, views, default level, usage guidelines, examples, and related commands.

### Displaying Optical Module Information

**What Is the Impact of Using Non-Huawei-Certified Optical Modules?** When certifying an optical module, Huawei comprehensively verifies the functions of the optical module to ensure the optical module

### Entering Command Views

**Entering Command Views** The device has many functions; therefore various configuration commands and query commands are provided to facilitate device management and maintenance. Huawei switch

## Contact Us

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