

# **Optical Module HW Switch Code**





## Overview

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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)When the optical module on an interface is faulty, you can run the display commands to view information about the optical module. For inquiries about our products or pricelist, please leave your information with us and we will be in touch with in 24 hours.



## Optical Module HW Switch Code

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### Make The Optical Module Write Code "so Easy"

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The switch is like a lock, and the compatible code written in the optical transceiver module is a key, the key to unlock can not be the same. Similarly, the code of the

### Displaying Optical Module Information

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How Can I Determine Whether an Optical Module Is a Huawei-Certified Switch Optical Module? Obtain the electronic label of the optical module and contact Huawei technical support personnel to confirm



## Huawei Switches Viewing Optical Port Receiving and Sending

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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 To View Port Status And Optical Module Information On

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This document uses the Mduletek SFP-10G-LR-BIDI optical module installed on an Extreme X690-48x-2q-4c switch as an example to demonstrate how to view port status and optical

## Configuration Guide for Cisco NCS 1001, IOS XR

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When you plan to replace a configured optical module with a different type of optical



module, you must clear the configurations of the old module before

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

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Fixed Switch V200R002& V200R003 The RX Power (dBm) field in the command output indicates the receive power of the optical module, and the TX Power (dBm) field indicates the

## **Displaying Optical Module Information**

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Obtain the electronic label of the optical module and contact Huawei technical support personnel to confirm whether it is a Huawei-certified switch optical module.



## How To Read Optical Module Information On A Network Card In Linux

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In addition to independent devices such as switches and routers, optical modules can also work on network adapters (commonly known as network cards). For optical modules used on

## Optical Module Solutions for Huawei S5700/S5720 Series Switches

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This article summarizes several solutions for using optical modules with switches and common problems encountered during usage, along with specific solutions.

## Displaying Optical Module Information

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



and may affect service

## **HUAWEI S Series Switch-Identify a Huawei-Certified**

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HUAWEI S Series Switch-Identify a Huawei-Certified Optical Module Huawei Documentation Insights 31.9K subscribers [Subscribe](#)

## **Interface and Hardware Component Command Reference for Cisco**

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This module describes the command line interface (CLI) commands for configuring Optics on the Cisco 8000 Series Routers. Not all commands are supported on both coherent and non



## Make The Optical Module Write Code "so Easy"

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The switch is like a lock, and the compatible code written in the optical transceiver module is a key, the key to unlock can not be the same. Similarly, the code of the optical module is also

## Huawei Optical Switch View Optical Module Commands

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Taking the Huawei 5700 series switches as an example, the commands to view optical module information are as follows:

## What Is Optical Module Coding Compatibility?

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Optical module code can be regarded as a key to match the lock of the switch. There are many brands of switches, such as Cisco, Huawei, H3C,



## Typical Troubleshooting Cases of Optical Module

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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

## Checking Optical Module Information of the Interface

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

## How To Read Optical Module Information On Huawei



## Switches

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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.

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

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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 the optical connection, which helps

## Handson Technology

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1 Channel 5V Optical Isolated Relay Module This is a LOW Level 5V 1-channel relay interface board, needs a 15-20mA driver current. It can be used to control various appliances and equipment with



## **Optical Module Solutions for Huawei S5700/S5720 Series Switches**

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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

## **Optical Module Coding Explained**

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In essence, optical module coding acts as a lock-and-key system (i.e., the code is the "key" to unlock proper communication), where if the switch likes

## **Optical Modules for Huawei S Series Switches**

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

## Displaying Optical Module Information

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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

## Cisco IOS Interface and Hardware Component Command Reference

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`show hw-module subslot` To display diagnostic information about internal hardware devices for a SPA, use the `showhw-modulesubslot` command in privileged EXEC configuration



## Contact Us

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