

How to inspect Huawei optical modules



Overview

Log in to the switch through Telnet or console port to check the switch model. com/onlinetoolsweb/lpcmmt/en/index.html to view the optical module types supported by the switch. Run the `display transceiver [ interfaceinterface-typeinterface-number | slotslot-id ] [ verbose ]` command to view information about the optical module on a specified. 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-time operating status, enabling faster troubleshooting of link abnormalities. The specific viewing information is as follows:. 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. If high-power optical signals (caused by an optical time domain reflectometer or self-loop test) are transmitted through an optical module that is used for long-distance transmission but no optical attenuator is used, the optical power will exceed the overload power of.



Article Content

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

Displaying Optical Module Information

What Is the Impact of Using Non-Huawei-Certified Optical Modules? Huawei-certified optical modules have been tested to the highest standards to ensure their quality. Tests include the installation and

What Is an Optical Module and Its FAQs (V200)

What Is an Optical Module and Its FAQs (V200) Describes what an optical module is and FAQs, including the fundamentals, appearance and structure, key performance counters, common types,

Optical Module: The Device Cannot Display Any Optical Module ...

Call Huawei global service hotline or contact software maintenance engineers to verify the software version. If allowed, reboot the device or power off and restart the device. Services on the device are

Checking Optical Module Information of the Interface

Vendor Name :SumitomoElectric //Manufacturer name of the optical module. If this field does not display HUAWEI, the optical module is not certified for Huawei Ethernet switches.

Huawei Technical Support

Learn how to display optical module information on Huawei devices using specific commands and understand the diagnostic details of optical modules.

How to Identify Huawei-Certified Optical Modules

Huawei is not responsible for any problem caused by the use of non-Huawei-certified optical modules and will not fix such problems. The methods provided here are only for reference. To

Displaying Optical Module Information

To determine whether optical modules delivered for Huawei switches before January 1, 2016 are certified ones, contact Huawei technical support. If your optical modules are delivered after January

How To View The Optical Module DDM Information On

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

Troubleshooting for Optical Modules on Huawei Switch

Use optical modules with a longer transmission distance on the two ports. When connecting switches through optical ports, pay attention to the following points:

FAQs About Optical Modules

For details about the optical modules supported by optical ports on switches, see "Appearance and Structure" of a specific switch model in the Hardware Description. The following figure shows the

Displaying Optical Module Information

If an 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

Installing Optical Transceivers and Connecting Optical Fibers

If different optical modules are used at the two ends, the communication may fail. Huawei optical modules are recommended. The optical modules from other vendors may cause faults on the USG

Installing Optical Modules

The device must use optical or copper modules recommended on the configurator because non-Huawei-certified optical or copper modules cannot ensure transmission reliability and may affect service

Optical Module: Typical Optical Module Troubleshooting Procedure

Use an optical power meter to test the receive power of the port and check whether the optical fiber is disconnected. Use one optical fiber to form a loop on the port to check whether the port goes Up. If

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 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

Understanding Optical Modules

Understanding Optical Modules Appearance and Structure of an Optical Module Types of Optical Modules Optical Module Terms Rules for Optical Module Interoperation

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,

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.

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:

Displaying Optical Module Information

Huawei-certified optical modules have been tested to the highest standards to ensure their quality. Tests include the installation and removal, transmit and receive power, signal transmission quality, basic

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

01-14 APPENDIX E GUIDE TO USING OPTICAL MODULES

If an optical module is not cleaned or protected properly, contaminants may accumulate on the fiber pin in the optical module. As a result, the coupling efficiency is reduced, optical signals are cut off, or

Checking the Optical Module Type

When certifying an optical module, Huawei switches comprehensively verify optical module functions to ensure the optical module quality.

Displaying Optical Module Information

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

Teach you to read the DDM information of the optical

Many friends have a doubt that the optical module I got is brand-new in appearance, but I don't know how to query the relevant information of the

Risks of Using Non-Huawei-Certified Switch Optical Modules

Some non-Huawei-certified switch optical modules are not designed in compliance with EMC standards and have low anti-interference capability. Additionally, they bring electromagnetic

Displaying Optical Module Information

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

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

Contact Us

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