

Huawei Optical Module System Parameters





Overview

If you know the model or type of an optical module, you can view the section "Pluggable Modules for Interfaces" in the Hardware Description to look up parameters of the optical module, including the center wavelength, transmission distance, fiber types supported, receive optical. 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. 5 um) Digital Diagnostic Monitoring :YES Vendor Name :SumitomoElectric Vendor Part Number :HFBR- 5710 L Ordering Name : Manu. Today, ETU-LINK will introduce how to query the information of optical module on Huawei switch.



Huawei Optical Module System Parameters

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

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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

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Checking Parameter Settings of the Optical Modules

Check the parameter settings such as rate, wavelength, and transmission distance of the interconnected optical modules. Using the optical modules from the same vendor is recommended.

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Huawei Technical Support

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

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Understanding Optical Modules

Understanding Optical Modules What Is an Optical Module Types of Optical Modules
Parameter Description How to View Optical Module Parameters Rules for Optical Module
Interoperation



Displaying Optical Module Information

If non-Huawei-certified optical modules are used, the system may be unable to obtain the correct information. You are advised to use Huawei-certified optical modules.

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OPTICAL MODULES FOR HUAWEI S SERIES SWITCHES

If an optical module is installed in a running switch, you can run the display transceiver command to view parameters of the optical module, including the center wavelength, transmission distance, fiber types

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Displaying Optical Module Information



Displaying Optical Module Information You can use the display commands to view information about the optical module on an interface, including conventional information, manufacturing information, and

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How to View Optical Module Parameters

Using a Command If an optical module is installed in a running device, you can run the display interface transceiver command to view parameters of the optical module, including the center wavelength,

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How to View Optical Module Parameters

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, transmission

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01-10 OPTICAL MODULES

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, transmission distance, fiber

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How to View Optical Module Parameters

Using a Command If an optical module is installed in a running router, you can run the display transceiver command to view parameters of the optical module, including the center wavelength,

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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

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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

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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

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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

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Checking the Optical Module

Check whether the parameters of the optical modules used on the two ends are consistent. Ensure that the rate, wavelength, and transmission distance of the interconnected optical modules are consistent.

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Introduction of Optical Modules on Huawei Switches

If an optical module is installed in a running switch, you can run the display transceiver



command to view parameters of the optical module, including the

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Typical Troubleshooting Cases of Optical Module

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

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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

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Displaying Optical Module Information

If non-Huawei-certified optical modules are used, the system may be unable to obtain correct information. You are advised to use Huawei-certified optical modules.

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How to View Optical Module Parameters

Using a Command If an optical module is installed in a running router, you can run the display transceiver command to view parameters of the optical module, including the center

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Teach you to read the DDM information of the optical

The following picture is the optical module information queried on the Huawei switch, which is marked with the Chinese translation of the Optical



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,

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