

# Wavelength of Huawei Switch Optical Port Module



## Overview

Wavelength(nm) :1310 Transfer Distance(m) :10000(9um) Digital Diagnostic Monitoring :YES Vendor Name :MODULETEK Vendor Part Number :SFP-10G-LR Ordering Name : Manu. Serial Number :AG042524 Identify a Huawei-Certified Optical Module 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. Optical Module Status Check Run the following command to view interface information: display interface <interface-type> <interface-number> The output includes interface rate, module type, link status (the state being UP is a. 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. What Is the Impact of Using Non-Huawei-Certified Optical Modules?

How Can I. HUAWEI TECHNOLOGIES CO. Copyright © Huawei Technologies Co. All other trademarks and trade names mentioned in this document are the property of their respective holders. Serial Number : 88 K056C10353 Manufacturing Date : 2008 - 08 - 08 Vendor Name :SumitomoElectric.

## Article Content

### 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,

### Optical computing interconnect technology landscape 2026

Optical computing interconnect patents and research 2026: silicon photonics, co-packaged optics, FSO, and fiber switching — mapped across hyperscalers, chipmakers, and academia.

### 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

### Optical Modules for Huawei S Series Switches

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

### 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

### Displaying Optical Module Information

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.

### Optical Modules Market Research Report 2034

The optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034, growing at a CAGR of 11.5%.

### Understanding Optical Modules

A common optical module has a center wavelength of 850 nm, 1310 nm, or 1550 nm, whereas a wavelength division multiplexing module transmits lights with different center wavelengths.

### Top Wavelength Selective Switch WSS Modules Market Companies

Overview: Lumentum is a top-tier optical components vendor and one of the most influential Wavelength Selective Switch WSS Modules market companies, recognized for advanced LCoS-based flexible

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

How To Read Optical Module Information On Huawei Switches

Basic module identification information: including module type, operating wavelength, transmission distance, serial number, manufacturer name, etc., obtained from the module's internal memory;

Displaying Optical Module Information

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

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

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

Compatibility Analysis of Optical Modules: Covering Global

To ensure seamless connection between optical modules and devices, ETU-Link has invested a lot of resources to build a multi-brand switch verification laboratory. The testing process

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

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

Optical Module Troubleshooting

Optical Modules on the Local and Remote Devices Cannot Communicate Fault Description A switch is connected to a remote device through optical interfaces and optical fibers. The two optical ports are

GPFD Service Board GPFD price and specs epfd

GPFD Service Board Product Features 16-GPON Port Interface Card with B+/C+/C++ SFP module Apply to Huawei MA5683T, MA5680T, MA5608T OLT

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

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

Pluggable Optical Module Market Research Report 2034

Pluggable Optical Module Market Outlook 2025-2034 The global pluggable optical module market was valued at \$9.8 billion in 2025 and is projected to reach \$26.4 billion by 2034, expanding at a

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

Typical Troubleshooting Cases of Optical Module

Form a loop on the port using an optical fiber, and check whether the port can go Up (if optical modules with a long transmission distance are used, use optical attenuators.) Check the configuration, such

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: Transceiver Type

## Contact Us

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