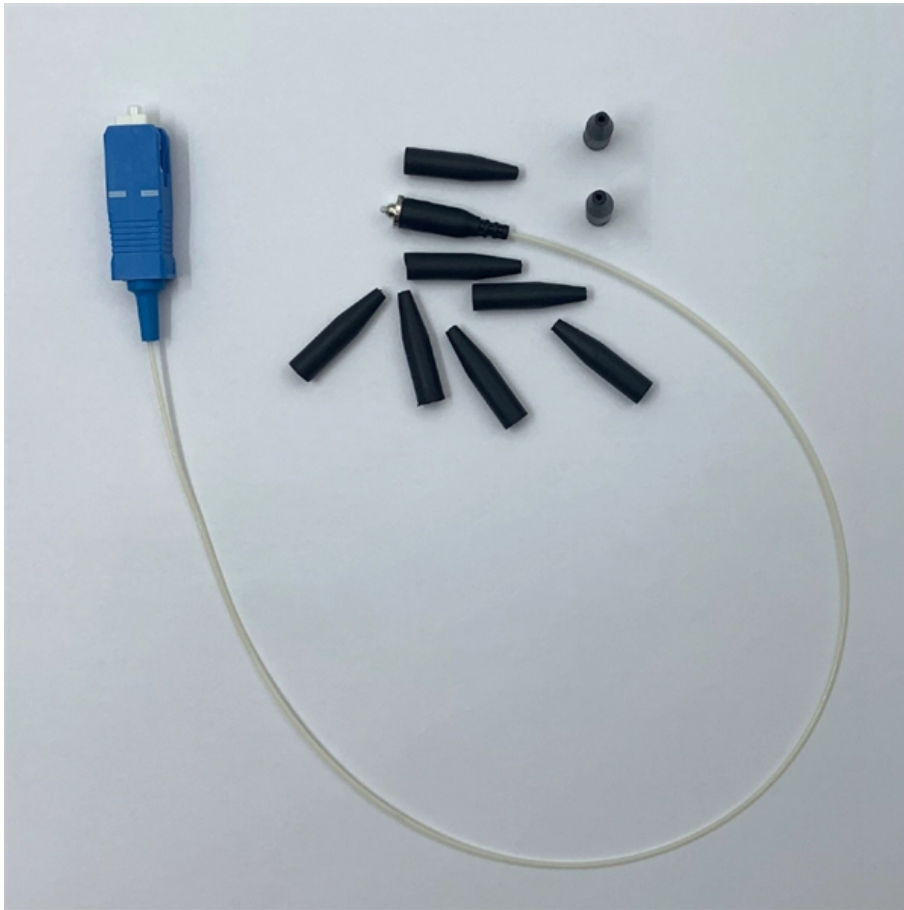


Huijue checks the optical port module





Overview

Log in to the switch through Telnet or console port to check the switch model. Although a non-Huawei-certified optical module can be identified and used, its reliability and stability cannot be. Problem: All optical ports cannot be connected, and the indicator lights are not on. Solution: To solve this problem, you can follow these steps: Check if the fiber and optical modules are compatible. Run the `display transceiver [interface interface-type interface-number | slot slot-id]` , to view the information on. Based on typical issues encountered with optical modules in daily switch applications, this document summarizes basic troubleshooting steps for resolving common faults: 1.



Huijue checks the optical port module



Optical module common faults and solutions

Check the current measured value of the digital diagnostic parameters of the optical module inserted in the optical port through the command "show transceiver interfaces detail". If the

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Typical Troubleshooting Cases of Optical Module

Check whether the optical module is a Huawei-certified one. If not, replace it with a Huawei-certified optical module. If the optical module is installed on a GE port, run the display interface

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Troubleshooting a Fiber Optic Transceiver: Step-by-Step

Encountering peculiar issues is inevitable when utilizing a Fiber Optic Transceiver. Effectively troubleshooting optical module concerns becomes

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Checking the Optical Module Type

The selected optical modules must be supported by the optical interfaces. Check whether the optical module used on the switch is certified by Huawei switches. For the Huawei-certified optical modules,



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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Optical Module Solutions for Huawei S5700/S5720 Series Switches

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

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Checking the Optical Module Type

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

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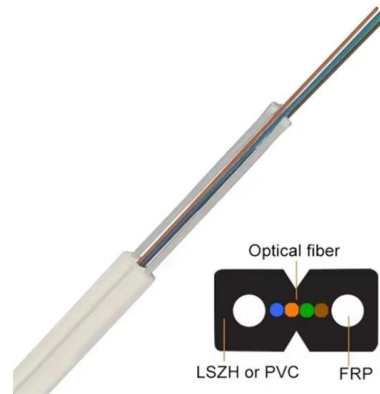




OLT's Upper-Layer Network Is Faulty

Procedure Check whether the optical module installed on the uplink port of the OLT is functional. Check whether the uplink port is functional. An OLT equipped with a

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Troubleshooting Optical Module Issues

Run the display esn interface command to check whether the optical module is a Huawei-certified one. If the Certified field is displayed YES, the optical module is a certified one.

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how to display power of optical module

As you can see in the above output, port mode is COMBO AUTO, SFP module has been inserted and current work mode is automatically chosen as FIBER. To display optical power of SFP



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Troubleshooting Optical Module Issues

Troubleshooting Optical Module Issues Symptom An optical port cannot go Up. The optical module cannot be properly identified and optical module information cannot be obtained. After

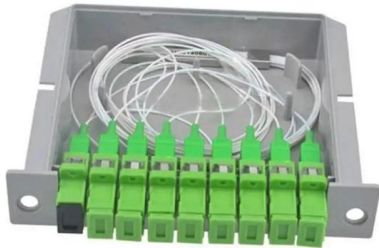
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Slot: Optical Module Speed Mismatches NIC Speed (Major, Port)

Network arg1 arg3 optical module transmission speed does not match the speed supported by the NIC. This alarm is generated when the optical module speed does not match 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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Troubleshooting for Optical Modules on Huawei Switch

If the transmit power remains low, replace the optical module or install it in another optical port to check whether it is faulty. If the optical module is faulty, send

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Optical Module Application: Common Problems & Troubleshooting

Check optical link attenuation and received optical power. Ensure the received optical power at the far end falls within the module's specified receive sensitivity range. If the received power

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port is disconnected due to optical module faulty

Use the idle optical module on the storage device to exchange with PO and check whether the fault is rectified. If the fault persists, it indicates that the optical module is not faulty. If

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Optical Interface Interconnection Is Abnormal on CE Switches

View the Transceiver Type field to check whether the local optical module type matches the remote optical module type. For example, if a GE optical module is installed on the remote

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Optical module alarm

Check the diagnostic information, which shows that the received optical power is low, with a threshold of -3 to -23.01, currently at -22.84. Once it exceeds the threshold, an alarm will be

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Troubleshooting for Optical Modules on Huawei Switch

If the transmit power remains low, replace the optical module or install it in another optical port to check whether it is faulty. If the optical module is faulty, send it to

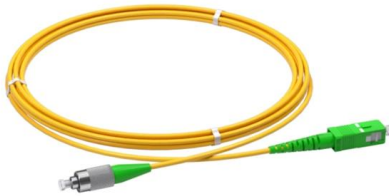
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Huawei enterprise switches

Goldfinger unreasonable optical module size, resulting in damage to electronic components interface. Some dimensions of the non-authentication cheat unreasonable optical module, when using such an

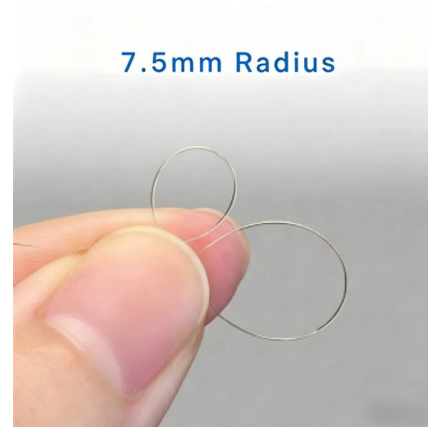
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Troubleshooting Guidelines for Optical Modules

Remove and reinstall the optical module. If the fault persists, replace the optical module with a normal one of the same type to check whether the optical module is faulty. If the fault persists, collect log

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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

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Optical Module Failure Diagnosis and Prevention:

A comprehensive guide on Optical Module Failure diagnosis and prevention to maintain network stability through effective troubleshooting,

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View the Optical Module Status on a Switch through the Command

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

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Checking the Interface Status and Configuration Parameters

If a message is displayed, indicating that the optical module is not in position, remove and then properly insert the optical module. If the auto-negotiation mode is used but the interface cannot go Up, set the

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For datasheets, pricing, or custom fiber access solutions, please visit:
<https://frindel.es>