

Huawei firewall optical module failure





Overview

If the fault persists, replace the optical module with a normal one of the same type to check whether the optical module is faulty. After an optical module is inserted, the console port displays alarm information. During use, reading optical module information helps understand its real-time operating status, enabling faster troubleshooting of link abnormalities. How to Configure Optical Ports on Huawei S5720-32P-EI-AC Switch?

Problem: All optical ports cannot be.



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Checking the Optical Module Type

For the Huawei-certified optical modules, Huawei has added Huawei logo and identifier and changed the vendor information in the product label and optical module information into HUAWEI. When an

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Displaying Optical Module Information

The system may fail to obtain information about non-Huawei-certified switch optical modules or obtain incorrect information. You are advised to use Huawei-certified switch optical modules.

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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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Optical Modules Fail to Communicate

Devices must use optical modules certified by Huawei. Those that are not certified by Huawei cannot ensure service reliability, and the corresponding optical interfaces may fail to go up.



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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Pulling out the optical module and shutdown interface causes the

Solve the problem of alarm indicator steady on by clear the alarm after it is confirmed that customer pull out the optical module and shutdown interface manually

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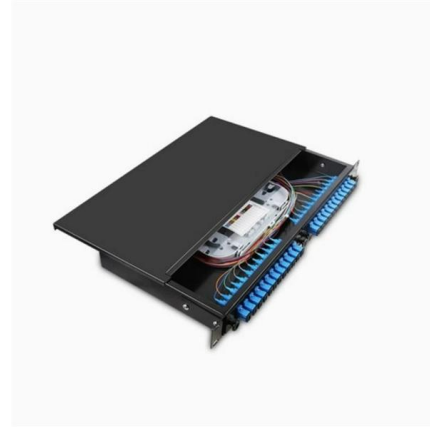




Troubleshooting Optical Module Issues

The Huawei-certified optical module has a silkscreen label of five lines printed above the barcode, and the silkscreen font must be consistent with that shown in the figure on the display screen interface

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Troubleshooting Optical Module Issues

Check whether the transmit optical power and receive optical power of the optical module are within the normal range. If the transmit optical power is beyond the normal range, replace the

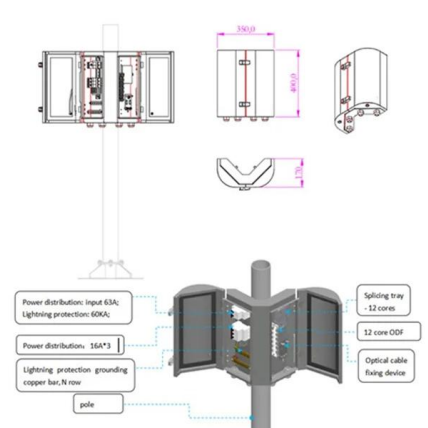
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ALM-135462942 The optical module is invalid 136203

An unsupported optical module is installed in the optical interface. For example, an XGE optical module is installed in a GE optical interface; a 100GE optical module is installed in a 40GE

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How to stop messages for SFP not certified by Huawei

Customer receive following message and want to stop receive it: Apr 23 2018 21:18:59 HUAWEI SRM/3/SFP_EXCEPTION:OID 1.3.6.1.4.1.2011.5.25.129.2.1.9 Optical module exception,

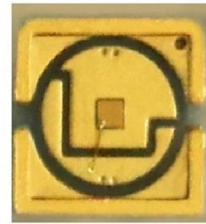
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Optical Module Troubleshooting

The optical module installed on the optical interface is not certified for Huawei data center switches. The optical module type does not match the optical fiber type.

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How to Detect Abnormal Optical Module When the Power cannot Be

The optical channel of NE80E shows that NE80E receives the light from NE40E only, while the interface of NE40E is Down. The receiving of the optical module is abnormal or the tail fiber fails.

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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.

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Checking the Optical Module

Check whether the firewall supports the optical module based on the model of the optical module inserted into the interface and hardware description in the product documentation.

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ALM-3276800044 An Optical Module Installed on the Device Is

If this optical module is not delivered from Huawei or is not customized for Huawei, replace it with a Huawei-customized optical module.
Cause 2: Temperature of the installed optical

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Why Are Alarms About Optical Modules That Are Not Certified for Huawei

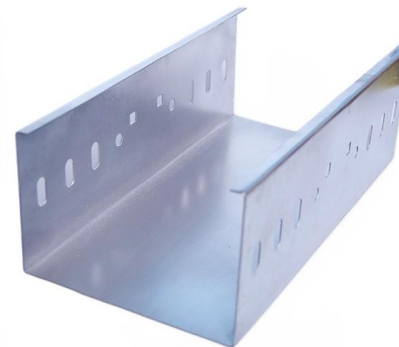
Vendor information of optical modules early delivered from Huawei may not be recorded. Therefore, alarms about optical modules that are not certified for Huawei Ethernet switches are generated.

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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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BBU Optical Module Transmit/Receive Fault

1. BBU Optical Module Transmit/Receive Fault 2. RF Unit Maintenance Link Failure The results of this alarms was restarting of the RF unit. After combining the RRU log analysis and the alarm of the

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Optical Modules Fail to Communicate

If no alarm is displayed on either end but the two interfaces are still down, collect detailed information and logs about the optical modules, and then replace the optical modules or optical fibers. If the

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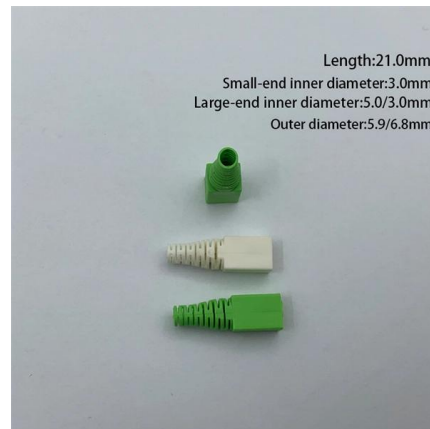
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Optical Module: The Device Cannot Display Any Optical Module

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

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Troubleshooting for Optical Modules on Huawei Switch

Troubleshooting for Optical Modules on Huawei Switch Many friends feedback that one problems occurred when using optical modules on switches, now we are

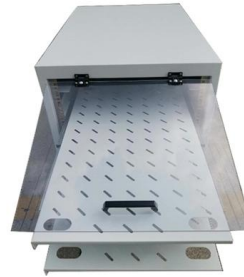
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Optical Modules Fail to Communicate

Symptom Two optical interfaces are interconnected through optical fibers. An optical interface is down, leading to a failure in communication between the corresponding optical modules.

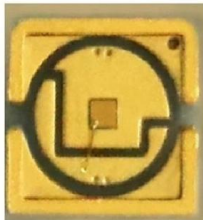
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OLT Fault

This page provides troubleshooting steps for resolving OLT faults that prevent GPON ONUs from going online.

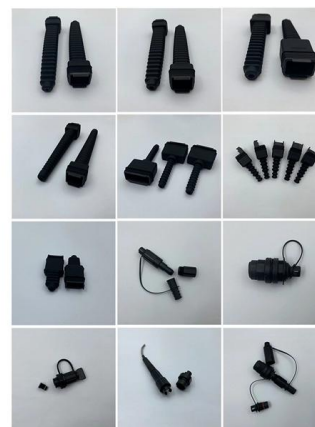
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ALM-135462942 The optical module is invalid 136201

Indicates the description of the alarm cause. The optical module may fail to work properly, affecting services. The possible causes include: The device is not ventilated well, which causes heat unable to

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Wall Mount Cabinet Server Racks



Main causes of optical module failure and protective

The optical module must have a standardized operation method in the application, and any irregular action may cause hidden damage or permanent

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<https://www.frindel.es>