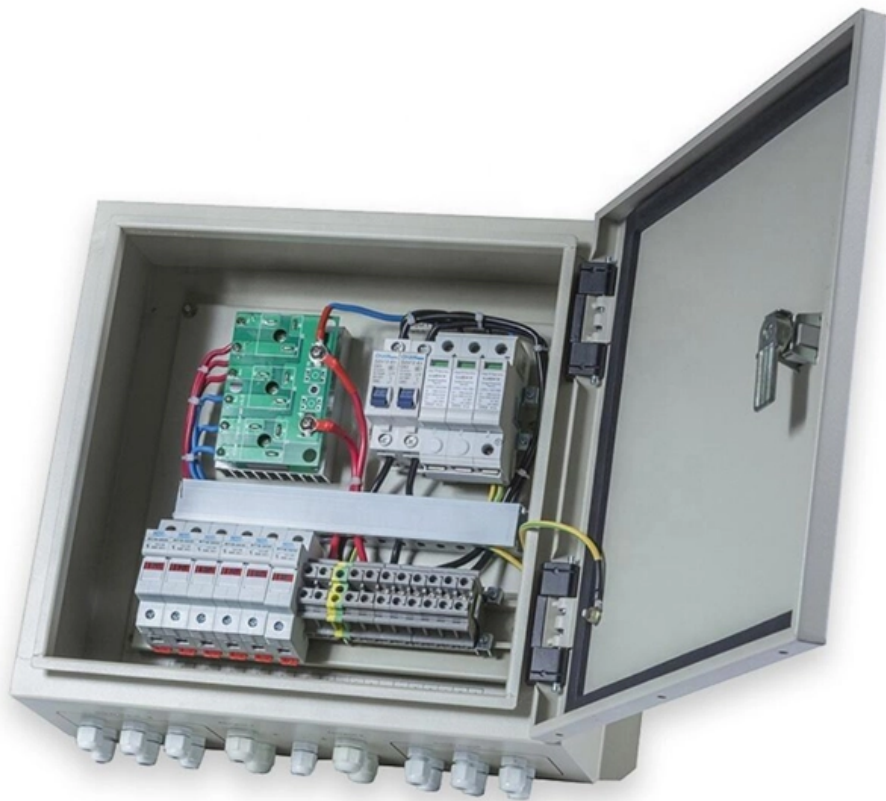


Huawei optical module not starting





Overview

If the fault is caused by incorrect configuration or networking environment, change the configuration or networking environment. If it is not a Huawei-certified optical module, replace it with a Huawei-certified optical module. Use an optical power meter to check whether the transmit optical power of the optical module is normal.



Huawei optical module not starting

Troubleshooting Guidelines for Optical Modules

Troubleshooting Guidelines for Optical Modules
An Optical Module Does Not Send Optical Signals
The Transmit Optical Power of an Optical Module Is Too Low
Information About an Optical Module

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



Troubleshooting for Optical Modules on Huawei Switch

Check whether the optical module is Huawei-certified. If it is not certified by Huawei, replace it with a Huawei certified one. Remove and reinstall the optical module. If

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

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

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

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



01-12 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

Optical Module: An Optical Module Does Not Send Light Signals

Procedure Use an optical power meter to test whether the transmit power of the optical module is normal. If not, replace the optical module.

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

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.

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



Optical Module: Typical Optical Module Troubleshooting Procedure

If it is not a Huawei-certified optical module, replace it with a Huawei-certified optical module. If the optical module is installed on a GE port, run the `display interface GigabitEthernet x/x/x` command to

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.

FAQs About Optical Modules



Non-Huawei-certified optical modules are not verified through interoperability tests with Huawei switches and may cause unexpected problems when they are used on Huawei switches.

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

Replacing an Optical Module

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



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

Typical Troubleshooting Cases of Optical Module

If possible, remove and reinstall the optical modules to check whether the fault is rectified. If the fault persists, run the reboot command to restart the switch or power cycle the switch, and check whether

Troubleshooting System Crashes for Modular Switches



If the external power supply system works properly, run the display alarm all command to check whether there are alarms about power modules of the switch. Common power module alarms include: Power

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

Therefore, alarms about optical modules that are not certified for Huawei Ethernet switches are generated. You can run the transceiver non-certified-alarm disable command to disable the alarm

ALM-3276800044 An Optical Module Installed on the Device Is Not a

Possible Causes Cause 1: The optical module is not a Huawei-customized optical module. If this optical module was delivered from Huawei early. Cause 2: Temperature of the



What Can I Do If a Message Is Displayed Indicating that an Optical

This field indicates whether the rate of the optical module installed on the port matches the port rate. For example, if a non-XGE optical module is installed on an XGE port, the rate of the optical module

Optical Module Installation and Replacement

Do not touch the edge connector of an optical module during the installation. Install an optical module on a port before connecting optical fibers to the transceiver module. Install dust plugs on idle optical ports.

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.

Contact Us

For datasheets, pricing, or custom optical networking solutions, please visit:
<https://www.entrenamientointeligente.es>