

# Huawei has not certified optical modules



## Overview

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. By default, numerous alarm messages will be generated when a non-original Huawei module is used. Huawei is not liable for any problem caused by the use of non-certified optical or. When authentication Huawei optical module, the optical module of a comprehensive verification function, effectively guarantee the quality of the optical module. FCS and CRC errors occur on the port. The self-loop of a single fiber cannot go Up. Check whether the rates, duplex modes, and negotiation modes.



## Article Content

### 8 Pluggable Modules for Interfaces

Some non-Huawei-certified switch optical modules are not designed in compliance with EMC standards and have low anti-interference capability. Additionally, they bring electromagnetic interference to

Disabling the Alarm Function for Optical Modules That Are Not Certified ...

Context If optical modules that are not certified for Huawei data center switches are used on devices, the devices will generate a large number of alarms to prompt users to replace these optical modules with

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Why Are Alarms About Optical Modules That Are Not Certified for

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

Troubleshooting Optical Module Issues

Although a non-Huawei-certified optical module can be identified and used, its reliability and stability cannot be guaranteed. Check whether the transmit optical power and receive optical

ALM-135471444 hwOpticalUnauthorized\_Common Alarms\_V600

If the optical module is delivered by Huawei in the early stage, the system is not affected. If not, the optical module may be abnormal, causing service interruption.

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

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.

How to Identify Huawei-Certified Optical Modules

Huawei routers must use Huawei-certified optical modules. Non-Huawei-certified optical modules cannot ensure transmission reliability and may affect service stability.

### 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 this resolves the

### How to Identify Huawei-Certified Optical Modules

Huawei is not responsible for any problem caused by the use of non-Huawei-certified optical modules and will not fix such problems. The methods provided here are only for reference. To

### Optical Module Troubleshooting

If there is a Huawei logo on the label, the optical module has been certified for Huawei data center switches. If not, send the model of the optical module to technical support personnel.

### 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.

### Displaying Optical Module Information

When a non-Huawei-certified optical module is used, the following problems often occur: The optical module cannot be installed in an optical interface because of its nonstandard structure. The structure

### How To Turn Off Alarms For Third-Party Modules On Huawei Switches

When a third-party optical module is installed on a Huawei switch, the module can link up normally, but alarm messages for uncertified modules will appear in port logs and module

### 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

## Contact Us

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