



Adam Tas Corridor Energy

Huawei optical module temperature parameters





Huawei optical module temperature parameters



Huawei Technical Support

Learn how to display optical module information on Huawei devices using specific commands and understand the diagnostic details of optical modules.

Displaying Optical Module Information

The working temperature range of the optical module does not meet requirements, causing the optical power to be reduced at a high temperature. Subsequently, services are interrupted.



What Is an Optical Module and Its FAQs (V200)

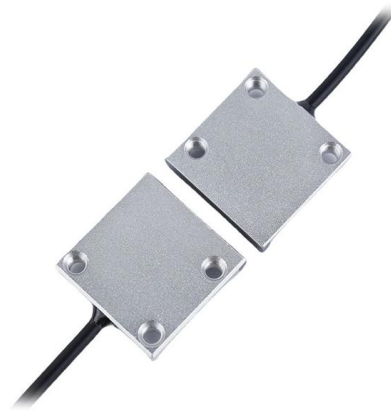
Describes what an optical module is and FAQs, including the fundamentals, appearance and structure, key performance counters, common types, and naming conventions of optical modules, causes of

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

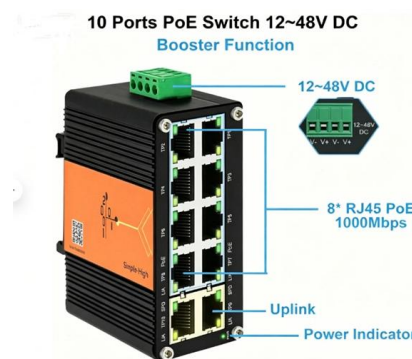


How to View Optical Module Parameters

If an optical module is installed in a running router, you can run the display transceiver command to view parameters of the optical module, including the center wavelength, transmission distance, fiber types

Huawei OSFP-800G-2DR4 Optical Module Datasheet

OSFP-800G Single-mode module (1311nm, 0.5km, Dual MPO12) Huawei OSFP-800G-2DR4 Optical Module 2 Product Description General parameter Value Connector type Dual MPO 1x12 Optical fiber



Querying the Chip and Optical Module Temperatures (temperature)

Function The temperature command is used to query and set the chip and optical module temperatures of a specified IN200.



How to View Optical Module Parameters

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Mesh door/glass door optional



Sp-601 glass door

Sp-602 mesh door

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How To Read Optical Module Information On Huawei Switches

DDM diagnostic data: including real-time operating parameters and threshold ranges. The module's working status can be verified by checking receive power, transmit power, temperature, bias current



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.



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.



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 View Optical Module Parameters

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Displaying Optical Module Information

When certifying an optical module, Huawei comprehensively verifies the functions of the optical module to ensure the optical module quality. The functions include the installation and removal, transmit and



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.



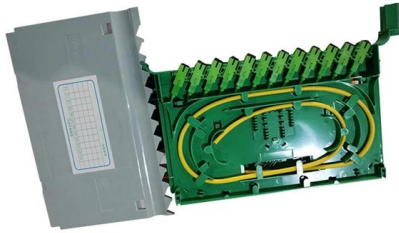
ALM-3276800044 An Optical Module Installed on the Device Is

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

Huawei XFP-10G-1550NM-80KM-SM Optical Module Sample Report

Huawei XFP-10G-1550NM-80KM-SM optical module supports 80KM link length on 10G standard single-mode fiber (SMF) G.652. The official key parameters and the physical appearance of



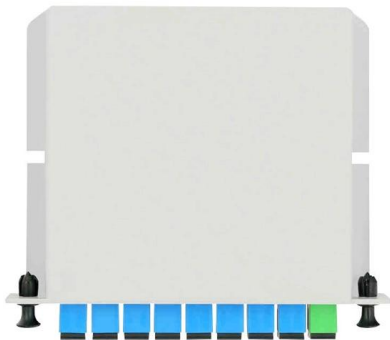


How to View Optical Module Parameters

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,

Huawei QSFP-DD-400G-FR4 Optical Module Datasheet

The transmitting end of an optical module converts electrical signals into optical signals, while the receiving end converts optical signals back into electrical signals. Optical modules are classified by

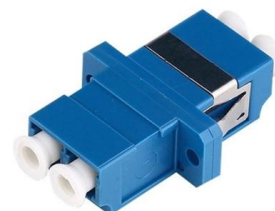


Troubleshooting Guidelines for Optical Modules

If the transmit optical power is abnormal, replace the optical module. Remove and reinstall the optical module. If the fault persists, replace the optical module with a normal one of the same type to check

Displaying Optical Module Information

The temperature monitoring systems of some non-Huawei-certified optical modules do not comply with industry specifications, and so a high temperature is obtained.





Optical Modules for Huawei S Series Switches

The temperature monitoring systems of some non-Huawei-certified switch optical modules do not comply with industry standards and report temperature values higher than the real temperature.

PON Interface Configuration Commands

The optical-module threshold temperature command sets the lower and upper alarm thresholds of the temperature for the optical module on a passive optical network (PON) interface.



Understanding Optical Modules

An eSFP module is an SFP module that supports monitoring of voltage, temperature, bias current, transmit optical power, and receive optical power. Therefore, eSFP is also called SFP sometimes.



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