

Check the optical port attenuation of Huijue switch



Article Overview

Use the display transceiver command to view optical module information and measure attenuation on Huijue switches.

Viewing Optical Module Information

To check optical port attenuation, first verify the optical module status:

- All ports: Run display transceiver to list all optical modules and their parameters, including transmit (TX) and receive (RX) power levels, wavelength, and vendor information .
- Specific port: Use display transceiver interface interface-type interface-number to view detailed information for a single port. Adding the verbose parameter provides RX/TX power readings and thresholds . Example output includes:
- Transceiver Type (e.g., 1000_BASE_LX_SFP)
- Connector Type (LC)
- Wavelength (nm)
- Transfer Distance (m)
- RX Power (dBm) and TX Power (dBm)
- High/Low Thresholds for RX/TX power

Measuring Attenuation

Optical attenuation is the loss of signal strength along the fiber. To measure it:...

Article Content

How Do I Check the Interface or Port Status?

Checking Service Interface Indicators to Determine the Interface Status Observe service interface indicators to quickly identify the

How to check optical loss on a Huijue switch

Troubleshooting S Series Switch Port and Interface Problems If the receive power of an optical module is too low or too high, use an

How to use the optical port on a Huijue switch

When the transmit/receive power of the optical ports is too high, optical modules on the ports may be damaged. In this case, connect

Huawei MiniFTTO Optical Power Calculator

Why do I need to calculate the optical power? A PON network uses an optical fiber for upstream and downstream bidirectional

Checking the optical port status of Huijue switches

This document describes how to check the switch interface or port status and how to locate an interface physically down fault and

Displaying Optical Module Information

Check whether the local and remote devices use optical modules of the same type but from different vendors. If the connected

Huijue module automatically shuts down optical port

If possible, remove and reinstall the optical modules to check whether the fault is rectified. Customers have the. Current SFP module

Checking optical attenuation at ports on a Cisco switch

Overview In the Privileged EXEC mode of the switch, use the show fiber-ports-optical-transceiver command by entering the

Huawei Switch Optical Attenuation Information

Setting Optical Power Alarm Thresholds Huawei-certified switch optical modules are recommended. If non-Huawei-certified switch

Huawei Switch Optical Attenuation Information

When using switches, we may encounter many confusions, such as what types of optical modules are needed for different models of

Reference Guide to Fiber Optic Testing

splices, or connections has occurred. Tests include cable attenuation as well as attenuation and reflection of splices and terminations.

Typical Troubleshooting Cases of Optical Module

Possible causes include: The connector attenuation of the optical fiber exceeds the attenuation threshold, or the optical fiber is bent

Huijue checks the optical attenuation of switch interfaces

Attenuation and Dispersion in Fiber-Optic Cable Correct functioning of an optical data link depends on modulated light reaching the

Displaying Optical Module Information

A switch must use optical or copper modules that have been certified for use on Huawei switches. Non-certified optical or copper

Using the OTDR to Locate Abnormal Attenuation Points on the

Check the attenuation of the optical fiber between two points by reading the vertical level difference between them directly from the

How to check port optical attenuation on a SAN switch

Low attenuation keeps. This document describes how to troubleshoot fiber optic interfaces by addressing some of the fiber optic

Checking the optical attenuation of Huawei switches

Run the display transceiver [interface interface-type interface-number | slot slot-id], to view the information on the optical module

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

Checking the Optical Module

Use an optical power meter to test the optical power attenuation of each part of the link and fix the abnormal part. Change the optical

Checking Optical Attenuation on Huijue Optical Switches

Check the attenuation of the optical fiber between two points by reading the vertical level difference between them directly from the

Contact Us

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