

Huawei Optical Module Configuration



Summary of Content

Configuring a Huawei optical module involves proper installation, enabling the correct interface mode, and verifying operational parameters using system commands.

Step 1: Safety and Installation

Before installation, wear an ESD wrist strap or gloves to prevent electrostatic damage and ensure the optical module is certified for Huawei devices, as non-certified modules may cause service instability or hardware damage .

- Remove the dust plug from the optical port and keep it for future use.
- Ensure the module is correctly oriented and gently insert it until it clicks. If it does not fit, rotate 180 degrees and try again.
- Do not connect optical fibers until the module is securely seated.
- Measure input optical power to ensure it is within the normal range to avoid overloading the module .

Step 2: Interface Mode Configuration

Huawei devices often have combo interfaces that can operate in electrical or optical mode. To enable the optical interface:

- Enter system view: `system-view`
- Switch to optical mode: `combo enable fiber`
- To revert to electrical mode: `undo combo enable fiber`

Article Content

Configuring Attributes for Ethernet Optical Interfaces

Some functions can be configured on an optical interface only after the interface connects to a transmission medium (such as an

Setting Optical Power Alarm Thresholds

Setting Optical Power Alarm Thresholds Context You can set optical power alarm thresholds using commands. When the transmit or

How To View Optical Transceiver Information On Huawei Switches

Optical transceivers are widely applied in switches, network cards, routers and other communication devices.

Displaying Optical Module Information

Learn how to display optical module information effectively with Huawei's technical support guide.

6.3.9 Installing Cables and Optical Modules. Huawei E9000

1. Determine the type and installation position of the optical module based on site requirements. 2. Horizontally insert the optical

Huawei SmartAX MA5800 Configuratio/Commissioning Guide-Huawei

EOS Announcement for huawei SmartAX MA5800 V100R016C00,SmartAX MA5800 V100R016C10 ICS Lite Optical Business

Installing Optical Modules

The device must use optical or copper modules recommended on the configurator because non-Huawei-certified optical or copper

Displaying Optical Module Information

Displaying Optical Module Information You can use the display commands to view information about the optical

Introduction of Optical Modules on Huawei Switches

If an optical module is installed in a running switch, you can run the display transceiver command to view parameters of the optical

Guide to Using Pluggable Modules

Guide to Using Pluggable Modules The system may fail to obtain information about non-Huawei-certified optical modules or obtain

What Is an Optical Module and Its FAQs (V200)

What Is an Optical Module and Its FAQs (V200) Describes what an optical module is and FAQs, including the fundamentals,

Optical Modules for Huawei S Series Switches

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

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

Optical Module Solutions for Huawei S5700/S5720 Series Switches

This article summarizes several solutions for using optical modules with switches and common problems encountered

istack fault on S6700 due to optical module mismatch

Warning: Enabling stack port cause configuration loss on the interface, continue? [Y/N]:y Error: Configuration failed.

Installing an Optical Module

Installing an Optical Module Context Before the installation, take ESD protection measures, for example, wear an ESD wrist strap or

Optical Module Solutions for Huawei S5700/S5720 Series Switches

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

Understanding Optical Modules

Cards Cables Pluggable Modules for Interfaces Important Notes About Using Optical Modules Certified for Huawei

Typical Troubleshooting Cases of Optical Module

If not, replace it with a Huawei-certified optical module. If the optical module is installed on a GE port, run the display interface

Configuring Attributes for Ethernet Optical Interfaces

To ensure that the interface works properly, you are advised to use Huawei-certified optical modules. A 40GE or 100GE high-speed

Huawei PON SFP Modules | GPON XG-PON XGS-PON & 50G-PON

Discover Huawei GPON and XG-PON SFP modules including Class B+, C+, C+ Pro, and D optics. Compare

Configuring Optical Interface Attributes

Logical Interface Configuration Configuring Optical Interface Attributes Configuring Interface Split and Merge Configuring

Troubleshooting Optical Module Issues

Troubleshooting Optical Module Issues Symptom An optical port cannot go Up. The optical module cannot be properly

Replacing an Optical Module

The device must use optical modules recommended on the configurator because non-Huawei-certified optical modules cannot

Huawei OLT Configuration

Learn and Explore Huawei OLT Configuration by Technical Hakim. An optical line termination (OLT), also called an optical line

PON Interface Configuration Commands

The optical-module threshold temperature command sets the lower and upper alarm thresholds of the temperature for the optical

Displaying Optical Module Information

If an optical module on an interface is faulty, you can run the display commands to view information about the optical module.

Displaying Optical Module Information

When certifying an optical module, Huawei comprehensively verifies the functions of the optical module to ensure the optical module

Contact Us

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