

How to view detailed parameters of optical modules



Summary of Content

You can view detailed optical module parameters using device-specific CLI commands or by consulting hardware documentation, which provides information such as wavelength, transmit/receive power, fiber type, and transmission distance.

Viewing Parameters on Running Devices

Huawei Devices

If the optical module is installed in a Huawei device, you can use the display transceiver command to view key parameters, including center wavelength, transmission distance, supported fiber types, receive optical power, and transmit optical power. Additionally, the hardware description section "Pluggable Modules for Interfaces" lists module specifications for reference .

Cisco Devices

On Cisco switches, you can check module and port status using the following commands:

- show interface : Displays interface rate, module type, link state, and traffic statistics .
- show inventory: Lists module type, serial number, and Cisco-compatible part number .
- show idprom interface : Provides detailed IDPROM data, including transceiver type, connector type, laser wavelength, and supported distances .

Article Content

How to Understand the Performance Parameters of Optical Modules?

Choosing the right optical module based on practical requirements involves a comprehensive consideration of the

What are the detailed parameters of the optical module

What are the detailed parameters of the optical module? Optical module center wavelength, transmission distance,

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

How To View Port Status And Optical Module Information On Cisco ...

By reading internal parameters of optical transceivers on switches, users can monitor link status, real-time

What Are the Key Parameters of Optical Modules

Understand the key parameters of optical modules, including transmission rate, distance, wavelength, and fiber

How To View Port Status And Optical Module Information On Extreme ...

This document uses the Moduletek SFP-10G-LR-BIDI optical module installed on an Extreme X690-48x-2q-4c switch

Explanation of Optical Module Parameters

Considering that some newcomers to optical modules may not understand the letters on the optical module or the

The Most Comprehensive Guide Of Optical Modules

Explore the ultimate guide to optical modules. Learn types, functions, performance metrics & how to choose the right

Key Parameters Interpretation of Optical Modules

The key performance indicators of the optical module can be measured from two aspects: the optical module

Contact Us

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