

# How to check the optical module of the switch



## Article Overview

You can check an optical module on a switch using either the web-based utility or CLI commands to view status, diagnostics, and transceiver details.

### Using the Web-Based Utility

- Log in to your switch's web interface.
- Navigate to Status and Statistics > Diagnostics > Optical Module Status (example: Cisco SG350X-48MP) .
- Select the switch and port where the SFP is installed.
- Click Go to view details such as:
- Port: Port number of the SFP.
- Description: Type of optical transceiver.
- Serial Number / PID / VID: Identification of the module.
- Temperature, Voltage, Current: Operating conditions.
- Output/Input Power: Transmit and receive optical power.
- Transmitter Fault / Loss of Signal / Data Ready: Operational status indicators. This method provides a quick overview of the module's health and helps identify link issues.

### Using CLI Commands

- SSH or console into the switch.
- Run the following commands to check module status and diagnostics:
- `show interface status` — Confirms if the port is up and connected .
- `show inventory` — Lists installed SFPs with part number, vendor, and serial numbe...

## Article Content

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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

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Teach you to read the DDM information of the optical module on the ...

Next, we will introduce the query instructions of relevant parameters of optical module, and view the DDM information

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How to Check SFP Module: Testing and Compatibility

Learn how to check an SFP module using Cisco commands, diagnostics, and compatibility checks. Step-by-step

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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

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How To View Port Status And Optical Module Information On Juniper Switches

Reading internal transceiver data helps monitor link status, optical power, temperature and coding compatibility

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How To View Port Status And Optical Transceiver Information

Run command: get switch modules status It shows real-time DDM values and alarm thresholds. Check TX/RX optical

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Optical Module Application: Common Problems & Troubleshooting

1. Check compatibility between the optical module and switch Most switch brands have specific compatibility

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How can I see the optical power in a gigabitethernet interface of the ...

Solved: Hi, I need your help to know what command Can I use to display the power optics from a interface on a

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Checking the Optical Module Type

The selected optical modules must be supported by the optical interfaces. Check whether the optical module used on the switch is

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View the Optical Module Status on a Switch through the Command

This article provides instructions on how to view the Optical Module Status on your switch through the Command Line

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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

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

Optical modules work on the switch usually need to read the internal information of the module to understand its

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How To Check Port Status And Optical Transceiver Information On

When optical transceivers operate on switches, reading internal module parameters helps monitor link status, real

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

When optical modules are installed on switches, it is necessary to read internal module parameters to monitor

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Displaying Optical Module Information

Run the display transceiver diagnosis interface [ interface-type interface-number ] command to view diagnostic information about a

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### Displaying Optical Module Information

Obtain the electronic label of the optical module and contact Huawei technical support personnel to confirm whether it is a Huawei

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### How to Check SFP Optical Power Levels on Cisco Switches

Learn how to monitor SFP optical power on Cisco switches, interpret Tx/Rx levels, and troubleshoot fiber link issues. Step-by-step

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### How To View Optical Transceiver Information On Huawei Switches

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

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### 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

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### Cisco SFP Commands Cheat Sheet: Check Status & Troubleshoot

Learn how to check SFP module health on Cisco switches. This guide covers essential CLI commands (show inventory, DOM), fixes

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### The Ultimate Guide to SFP Modules (2026): Types, Speeds

Confused by SFP vs SFP+? Read the definitive 2026 guide on SFP modules. We explain Single Mode vs Multimode, DDM

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### 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,

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### How To View Port Status And Optical Transceiver Information On

Optical modules work on the switch usually need to read the internal information of the module to understand its

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How to Test Cisco Transceivers: NX-OS Compatibility Guide

Why is it important to understand the Cisco switch hardware and software versions before testing SFP modules?

## Contact Us

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