

# How to view switch optical port information



## Overview

Execute the following command to view detailed interface and optical module status: `show interface <interface-type> <interface-number>` Execute the following command to view detailed interface and optical module status: `show interface <interface-type> <interface-number>` The following introduces the specific operations to view the working status and internal information of an optical module on a Cisco switch. This guide uses the Moduletek SFP-25G-SR optical module connected to a Cisco C9300 switch as an example. By checking module health, compatibility, and digital diagnostics, you can quickly confirm correct installation, detect optical problems, and maintain accurate hardware. If you run fiber or copper uplinks in a small office, home lab, or data closet, SFPs (and SFP+) are the little parts that keep your links alive. This guide gives a practical, CLI-focused workflow for checking SFP health and diagnostics on Cisco switches, shows the exact commands you'll use. Most brands' ethernet switches provide features to show interface transceiver details information via CLI (Command-Line Interface). Generally, you can use those commands to view specific transceiver vendor names, types, wavelength, distance, Serial Number, Part Number, and DDM/DOM parameters.

## Article Content

Nov 23, 2025

Optical Transceiver Manufacturer,How To Check Optical Module ...

We will introduce how to query the information of optical module on Cisco switch. First, we need to connect to the network, and then log on to the management platform of Cisco switch.

May 11, 2026

Cisco SFP Commands Cheat Sheet: Check Status

This guide gives a practical, CLI-focused workflow for checking SFP health and diagnostics on Cisco switches, shows the exact commands you'll use, explains ...

Oct 13, 2025

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

Additionally, identifying module information helps detect coding compatibility between the module and the switch. The following introduces the specific operations to view the working status ...

Apr 17, 2026

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

This guide gives a practical, CLI-focused workflow for checking SFP health and diagnostics on Cisco switches, shows the exact commands you'll use, explains what the numbers mean, and compares ...

Jan 21, 2026

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 CLI commands, model-specific guidance, and best practices included.

Oct 12, 2025

Displaying Optical Module Information

Run the display transceiver diagnosis interface [ interface-type interface-number ] command to view diagnostic information about a specified optical module. This command displays the digital diagnostic ...

Dec 17, 2025

Dell Networking X Series Switches: How to View Transceiver Details

Viewing Dell Networking X series switch transceiver information using the webGUI. This shows information for the Small Form factor Pluggable (SFP) interface, transmission faults, and ...

Aug 03, 2025

show interfaces diagnostics optics | Junos OS | Juniper Networks

Display diagnostics data and alarms for Gigabit Ethernet optical transceivers (SFP, SFP+, XFP, QSFP+, or CFP) installed in EX Series Switches or QFX Series Switches.

Jun 05, 2026

How to show interface transceiver details on Brand Switches?

Most brands' ethernet switches provide features to show interface transceiver details information via CLI (Command-Line Interface). Generally, you can use those commands to view ...

Oct 31, 2025

Cisco Command to Check SFP Module Details

For network engineers, knowing how to view and interpret SFP information from the Cisco command-line interface (CLI) is essential. By checking module health, compatibility, and digital ...

Feb 12, 2026

View the Optical Module Status on a Switch through the ...

Once the transceiver and fiber optic cable are plugged in properly in the switch optical module, you should be able to view the current information for the optical connection, which helps you manage ...

## Contact Us

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