

Optical Module Status



Overview

Figure 1 Schematic Diagram of Optical Module Connected to Switch 1. Check Optical Module and Port Status Execute the following command to view detailed interface and optical module status: `show interface <interface-type> <interface-number>` This article provides instructions on how to view the Optical Module Status on your switch through the Command Line Interface (CLI). The Cisco Small Business Series Switches allow you to plug in a Small Form-factor Pluggable (SFP) transceiver in their optical modules to connect fiber optic cables. When optical modules operate on a switch, it is usually necessary to read the module's internal information to understand its working status—such as connection status and real-time metrics like optical power and temperature. Related Information Video Identify a Huawei-Certified Optical Module Run the `display transceiver [interface interface-type interface-number | slot slot-id] [verbose]`. DDM (Digital Diagnostics Monitoring) is a feature that is included in optical modules, such as SFP, SFP+, QSFP, and QSFP+ transceivers. This guide provides complete, step-by-step CLI commands to view module type, DOM/DDM diagnostic data, vendor details, and compatibility information, fully.



Article Content

Nov 19, 2025

Displaying Optical Module Information

The optical module design does not comply with the EMC, its anti-electromagnetic interference capability is low, and the optical module brings electromagnetic interference to surrounding devices.

Dec 28, 2025

How To View Port Status And Optical Module

This document describes how to check the operating status and internal parameters of optical modules on Juniper devices. Using the Moduletek SFP-10G-LR optical

Oct 13, 2025

Optical Transceiver Manufacturer,How To Check Optical

Checking module information helps avoid compatibility failures, abnormal loss, link flapping, and non-standard hardware issues. It is strongly recommended for daily

Jan 05, 2026

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

May 09, 2026

Displaying Optical Module Information

S12700 and S12700E V200R024C00 Configuration Guide - Device Management This document describes the configurations of Device Management, including device status query, hardware

Apr 05, 2026

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 information for the optical connection, which helps you manage

Jul 19, 2025

View the Optical Module Status on a Switch

Objective The Cisco Small Business Series Switches allow you to plug in a Small Form-factor Pluggable (SFP) transceiver in their optical modules to connect fiber-optic cables. Once the transceiver and

Sep 07, 2025

View the Optical Module Status on a Switch

Article ID:5508 View the Optical Module Status on a Switch Objective The Cisco Small Business Series Switches allow you to plug in a Small Form-factor Pluggable (SFP) transceiver in

Mar 07, 2026

How To View Port Status And Optical Module

Run the following command to view real-time DDM information of the optical module: get switch modules status. The output provides real-time diagnostic data and

Feb 20, 2026

How to view the optical module DDM information?

DDM provides detailed information about the optical module's performance and status, allowing network administrators to monitor and troubleshoot network issues. In this article, we will

Dec 06, 2025

Optical Module Status

The Optical Module Status page displays the operating conditions reported by the SFP (Small Form-factor Pluggable) transceiver. The following GE SFP (1000Mbps) transceivers are supported:

Oct 04, 2025

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

When optical modules operate on a switch, it is usually necessary to read the module's internal information to understand its working status—such as connection status and real-time

Apr 27, 2026

View the Optical Module Status on a Switch

Once the transceiver and fiber optic cable are plugged in properly in the switch optical module, the Optical Module Status page of the web-based

May 29, 2026

Cisco QSFP28 100G ZR Digital Coherent Optics Module Data Sheet

Cisco ® QSFP28 100G ZR extends 100GbE coherent links from QSFP28 ports reaching up to 80km over dark fiber and up to 300km over amplified Dense Wave Division Multiplexing

Oct 15, 2025

View the Optical Module Status on a Switch through the

This article provides instructions on how to view the Optical Module Status on your switch through the Command Line Interface (CLI).

Sep 28, 2025

How to View Optical Module Status on a Cisco Switch

In this Cisco Tech Talk, learn how to view the optical module status on a Cisco switch using the Command Line Interface (CLI). This video demonstrates

Dec 25, 2025

Optical Module Status with SNMP

Hello, How we can get all the information presented in this image through SNMP Protocol (the target switch is cisco sf302-08pp) Thanks in advance.

Apr 09, 2026

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Feb 07, 2026

Monitoring Optical Module Status

Hello, How we can get all the information presented in this image through command line (the target switch is cisco sf302-08pp) Thanks in advance.

May 17, 2026

Optical Module Supply Chain Weekly Report: Issue 4, April 2026

Optical Module Supply Chain Weekly Report: Issue 4, April 2026 The core focus this week is the concentrated disclosure of Q1 2026 financial reports by leading domestic optical module manufacturers.

Aug 04, 2025

How to view the optical module DDM information?

DDM (Digital Diagnostics Monitoring) is a feature that is included in optical modules, such as SFP, SFP+, QSFP, and QSFP+ transceivers. DDM provides detailed information about the optical

Apr 21, 2026

Tech Talk - View the Optical Module Status on a Switch with CLI

In this edition of Cisco Tech Talk, I'll show you how to view the optical module status on a switch through the Command Line Interface also referred to CLI.

Contact Us

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