

# Huawei Optical Transmission Module Parameters



## Overview

If you know the model or type of an optical module, you can view the section "Pluggable Modules for Interfaces" in the Hardware Description to look up parameters of the optical module, including the center wavelength, transmission distance, fiber types supported, receive optical. If you know the model or type of an optical module, you can view the section "Pluggable Modules for Interfaces" in the Hardware Description to look up parameters of the optical module, including the center wavelength, transmission distance, fiber types supported, receive optical power, and transmit. Optical modules are widely used in switches, network interface cards (NICs), routers, and other communication devices. During use, reading optical module information helps understand its real-time operating status, enabling faster troubleshooting of link abnormalities. Run the display transceiver [interface interface-type interface-number | slot slot-id], to view the information on. Some functions can be configured on an optical interface only after the interface connects to a transmission medium (such as an optical module or copper module). Sometimes the installation and. Today, ETU-LINK will introduce how to query the information of optical module on Huawei switch. Execute the command, display.



## Article Content

Hot

### Optical Transmission Basics 01

This topic defines "electrical-layer service modulation spectral width" and "optical spectral width", and explains how to configure them on the NMS. Optical Return Loss

Aug 03, 2025 Hot

### Optical Transmission

Huawei OptiXtrans E9624X An intelligent all-optical converged transport platform designed for enterprise production networks, ensuring the secure and reliable transmission of massive production data

Jan 16, 2026 Hot

### Huawei Technical Support

Learn how to display optical module information on Huawei devices using specific commands and understand the diagnostic details of optical modules.

Aug 30, 2025 Hot

### Checking Parameter Settings of the Optical Modules

Check the parameter settings such as rate, wavelength, and transmission distance of the interconnected optical modules. Using the optical modules from the same vendor is recommended.

Dec 16, 2025 Hot

### 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 module, including the

Mar 21, 2026 Hot

### Optical Transmission

A series of MS-OTN transmission equipment that supports TDM, packet, and OTN services over a metro or campus optical network, providing cost-effective transport solutions for power, medical, Storage

Feb 07, 2026 Hot

### How to View Optical Module Parameters

If an optical module is installed in a running device, you can run the display transceiver command to view parameters of the optical module, including the center wavelength, transmission distance, fiber

Feb 04, 2026 Hot

## Optical Module

This topic describes the names of optical modules used by WDM products.

Nov 30, 2025 Hot

## 10GE SFP+ Optical Modules

When connected to a 10GBASE-ER standard optical module (1550 nm, 10 Gbit/s, 40 km), an SFP-10G-ER-1310 optical module supports only 20 km of maximum transmission distance.

Jan 09, 2026 Hot

## Huawei enterprise switches

Huawei switches using non-certified optical module may not be able to read the information, can not guarantee the accuracy of the information read, recommend the use of Huawei certified optical

Aug 31, 2025 Hot

## Optical Module

Optical Module Encapsulation Types This topic describes the encapsulation types of optical modules on WDM products Transmission Distance of an Ethernet Module Optical Module

May 02, 2026 Hot

## Displaying Optical Module Information

When certifying an optical module, Huawei comprehensively verifies the functions of the optical module to ensure the optical module quality. The functions include the installation and removal, transmit and

Sep 20, 2025 Hot

## How To Read Optical Module Information On Huawei Switches

DDM diagnostic data: including real-time operating parameters and threshold ranges. The module's working status can be verified by checking receive power, transmit power,

Apr 22, 2026 Hot

## Optical Transmission Basics 01

Optical Basics CD and PMD Nonlinear Effect Spectral Width Optical Return Loss Fiber Optical Module Optical Performance Optical Communication Technologies Optical Components Optical Power

Oct 15, 2025 Hot

Teach you to read the DDM information of the optical

The following picture is the optical module information queried on the Huawei switch, which is marked with the Chinese translation of the Optical

Jan 08, 2026 Hot

## 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, appearance and structure, key performance counters, common types,

Feb 11, 2026 Hot

## Configuring Attributes for Ethernet Optical Interfaces

Pre-configuring a Transmission Medium Type for an Optical Interface Context Some functions can be configured on an optical interface only after the interface connects to a transmission

Mar 14, 2026

## Contact Us

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