

# Checking bandwidth using Huawei optical modules



## Overview

Check whether the local and remote optical modules have the same wavelength. When the optical module on an interface is faulty, you can run the display commands to view information about the optical module. Related Information Video Identify a Huawei-Certified Optical Module Run the display transceiver [ interface interface-type interface-number | slot slot-id ] [ verbose ]. 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. Also, there is enable mode, similar to Cisco devices. If we need to delete part of the configuration - use undo. See the interface module via the optical display command information, including general information of the optical module, manufacturing information, and alarm information. ) that you may want to monitor (traffic, processor temperature, processor load, fan speed, voltage, load, state of links and pairs, free memory, etc.

## Article Content

### Basic Huawei OLT Commands Guide

The document provides examples of basic commands that can be used on a Huawei GPON OLT (Optical Line Terminal) to view system information, board status, processor/memory usage, ...

### Displaying Optical Module Information

A switch must use optical or copper modules that have been certified for use on Huawei switches. Non-certified optical or copper modules cannot ensure transmission reliability and may affect service ...

### How To Read Optical Module Information On Huawei Switches

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 ...

### 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 ...

### List of Useful SNMP OIDs for Switch Monitoring

In the following table, we tried to collect the most common OID switches from different manufacturers (Cisco, Dlink, Huawei, HP, etc.) that you may want to monitor (traffic, processor ...

### Troubleshooting for Optical Modules on Huawei Switch

Check whether the fiber length between the two ports is within the maximum transmission range of the optical modules on the ports.

### Huawei Optical Switch View Optical Module Commands

Taking the Huawei 5700 series switches as an example, the commands to view optical module information are as follows:

### Huawei GPON configuration (commands) | Splynx Documentation

Learn how to configure Huawei GPON, set user and default routes, check status with commands, and remove ONT from configured Huawei ONL in this detailed guide.

### Optical Fiber

Therefore, MMFs are often used with multi-mode optical modules in short-distance and low-cost transmission scenarios. On the basis of fiber diameters and modal bandwidths, MMFs are classified ...

## GPON – Basic Command OLT Huawei – NETWORKING OM.ZERO

GPON is a next generation for Broadband Technologies from copper into optical connection. so GPON is better from previous generation like ADSL technologies in Optic as a ...

### Contact Us

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