

How to check the year of an optical module



Article Overview

You can check the year of an optical module by examining its serial number, vendor information, or DDM/diagnostic data using CLI commands, SNMP, or system utilities.

Using Network Equipment CLI

For switches like Cisco, you can access the optical module information through the command-line interface (CLI). After logging into the switch, use commands such as `show interface transceiver` or `show fiber optic port media converter [interface ID]` to display details including module type, vendor, and serial number. The serial number often encodes the manufacturing date, which can be cross-referenced with the vendor's documentation to determine the year of production .

Using SNMP or DDM

Many optical modules support Digital Diagnostics Monitoring (DDM), which provides real-time information about temperature, voltage, optical power, and sometimes manufacturing details. You can query this data using SNMP tools like `snmpwalk` with the module's IP or MAC address. For example, to check temperature or other parameters on an SFP+ module, you can use: `snmpwalk -v2c -c [community string] [module IP] .1.3.6.1.4.1.9.9.91.1.1.1.1.10` . Some vendors include the production year in the DDM or serial number fields.

Using Linux System Utilities...

Article Content

What is the year of manufacture of my device?

The serial numbers of our products may differ due to the product group and/or the age of the product. Option 1. Your product has a

How to Verify Optical Transceiver Firmware and Ensure Compatibility

Learn how to check optical transceiver firmware, verify compatibility, and prevent network downtime. A step-by-step guide covering

How Can I View the Serial Number of an Optical Module?

Method 2: Obtain the Optical Module Serial Number Onsite You can check the label attached on the optical module to obtain the

Goods & Services Tax (GST) | Login

Search HSN and SAC codes, tax rates, descriptions, and related information for Goods and Services Tax (GST) on this official platform.

A Super Detailed Guide Between Old And New Optical Module

Last but not least, you can look at its service life. The service life of a new optical module is generally over three years.

Optical Module: Typical Optical Module Troubleshooting Procedure

Optical Module: Typical Optical Module Troubleshooting Procedure Check the model of the faulty optical module. If it is not a Huawei

TI DLP® System Design: Optical Module Specifications

ABSTRACT The objective of this application note is to help product developers better understand optical module specifications and

Multi-mode optical fiber

Multi-mode optical fiber is a type of optical fiber mostly used for communication over short distances, such as within a building or on a

Electronic Component Date Codes: How to Read Them (+ Free

Electronic Component Date Codes: What They Mean and How to Read Them Every date code answers one question: when was this

How to Tell When a Product Was Manufactured: Easy Guide

Learn how to tell when a product was manufactured using date labels, codes, and serial numbers. Get simple tips to identify

Understanding Optical Modules: Types and Troubleshooting Guide

Optical modules come in various types, and their external structures are not exactly the same. However, their basic compositional

What Is An Optical Module?

An optical module converts electrical signals to light for fast, reliable data transfer in networks, essential for cloud

Optical Module Market Size, Competitors & Forecast to 2032

The Optical Module Market, valued at USD 30.01B in 2026, is projected to reach USD 66.94B by 2032, growing at a 14.1% CAGR.

How Can I View the Serial Number of an Optical Module?

BarCode indicates the serial number of the optical module. ... Run the display transceiver interface interface-type interface-number

Displaying Optical Module Information

When certifying an optical module, Huawei comprehensively verifies the functions of the optical module to ensure the optical module

What Is an Optical Module

On an optical network, a sender needs to convert electrical signals into optical signals before sending them to a receiver, and the

Date Code Decoder for Electronic Components | 3E Technology

Free Tool Date Code Decoder Paste a component date code to find its manufacture date, its age, and any red flags. Every reading is

Optic Modules Datasheet

Features and Benefits The following table lists the different pluggable optic modules and supported platforms, along with the

How to Identify Huawei-Certified Optical Modules

How to Identify Huawei-Certified Optical Modules Huawei routers must use Huawei-certified optical modules. Non-Huawei-certified

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.gmarkconstruction.co.za>

Email: sales@gmarkconstruction.co.za

Phone: +31-6-15-38-72-94

Address: Herengracht 456, 1017 BS Amsterdam, Netherlands

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