

Where to find the optical transmission module model number



Overview

Run the display transceiver [interface interface-type interface-number | slot slot-id] [verbose] command to view information about the optical module on a specified interface. Figure 1 Schematic Diagram of Optical Module Connected to Switch 1. Optical Module Status Check Run the. This manual contains notices you have to observe in order to ensure your personal safety, as well as to prevent damage to property. The notices referring to your personal safety are highlighted in the manual by a safety alert symbol, notices referring only to property damage have no safety alert. The 800G OSFP DR8 optical transceiver is designed for high-density data center environments requiring stable and high-speed optical interconnects. It supports 8-channel 100G PAM4 modulation for both electrical and optical signals, enabling efficient 800G transmission over single mode fiber. Cisco brings together AI, automation, and security into one unified architecture—built to simplify operations, scale intelligently, and protect every connection.

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If you're dealing with data centers, telecommunications, or AI networking, grasping the key parameters of an optical transceiver module is essential. This blog post dives deep into the ...



FAQ Summary of optical modules: answers on types, compatibility, design, troubleshooting, and glossary for 2025 network upgrades and maintenance.



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 ...



Every module has two (OLM P11, G11), three (OLM P12, G12) or four (OLM P22, G22) independent channels (ports) that consist of a transmitter and a receiver part.



PPC's Transceiver modules are designed for optical communication applications compliant to the IEEE P802.3ba standard. The module converts input channels up to 25Gb/s electrical data to LAN WDM ...



Cisco offers a comprehensive portfolio of WDM transmission modules, including optical terminal filters, optical amplifiers, optical service channel, and others, to support the network applications of ...



Explore the ultimate guide to optical modules. Learn types, functions, performance metrics & how to choose the right module for your fiber network.



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 ...



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For the maximum transmission distance supported by different optical modules, see Optical Module in the hardware description. If the fiber length exceeds the maximum transmission distance of the ...

Contact Us

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