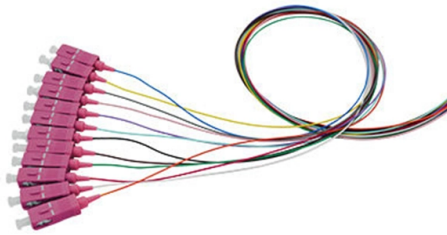


Are H3C and Huawei optical modules compatible



AI Overview

Original Huawei optical modules are generally not compatible with H3C switches due to authentication restrictions, but certain Huawei-H3C compatible modules or third-party modules can be used with proper configuration. Compatibility Overview H3C switches perform authentication on inserted optical modules, and by default, non-H3C modules trigger alarm messages and may not be fully supported for guaranteed operation (e.g., port logs will indicate an uncertified module). Original Huawei modules typically include encryption or special codes to ensure they only work with Huawei devices, so they cannot be directly used on H3C switches. This is a deliberate design to maintain vendor control over module usage. Options for Using Huawei Modules Huawei-H3C Compatible Modules Some optical modules, such as the Huawei H3C Gigabit SFP module (SFP-GE-LX-SM1310-D), are designed to be compatible with both Huawei and H3C switches. These modules support single-mode and multi-mode fiber, hot-swapping, auto-negotiation, and digital diagnostics monitoring (DOM), making them suitable for enterprise networks and data centers. Before purchasing, it is recommended to confirm the switch model and fiber type to avoid compatibility issues. Third-Party Compatible Modules Third-party vendors can produce modules that mimic the authentication codes of H3C switches, allowing normal operation without triggering alarms. These modules are often more cost-effective and tested for compatibility with mainstream switches, including H3C. However, H3C may not provide official support or maintenance guarantees for these modules. Practical Considerations Alarm Suppression: H3C switches allow CLI commands to suppress alarms for non-certified modules, enabling normal operation while acknowledging the module is third-party. Performance and Reliability: Using n...

Article Content

H3CSFP-XG-LX-SM1310-S 10G SFP+ Multi-mode Optical Module

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Devices of different brands must use optical modules of that brand or compatible with that brand, such as: Huawei switches and H3C switches are interconnected, Huawei switches need to...

Compatibility Analysis Of Optical Modules: Covering Global

ETU- LINK optical modules are compatible with major brands such as Huawei, H3C, Ruijie, Cisco, Juniper, ZTE, HP, Arista, Aruba, Alcatel-Lucent, VOLKTEK, etc., covering multiple

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Cisco Compatible Optical Modules Catalog

EXECUTIVE SUMMARY This document serves as the definitive technical reference for the Cisco Compatible Optical Modules Catalog, encompassing a comprehensive portfolio of Small Form-Factor

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H3C Gigabit Optical Modules Product Overview Adopting advanced technologies, H3C Gigabit Optical Modules feature low power consumption, hot-swap capability and wide compatibility.

Cisco Command to Check SFP Module Details

Learn Cisco commands like show inventory and show interface transceiver detail to monitor SFP modules, DDM metrics, and compatibility.

How To View Optical Transceiver Information On H3C Switches

Optical modules are commonly used in switches, network cards, routers and other communications equipment, in the process of using the optical module information can be read to

Contact Us

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