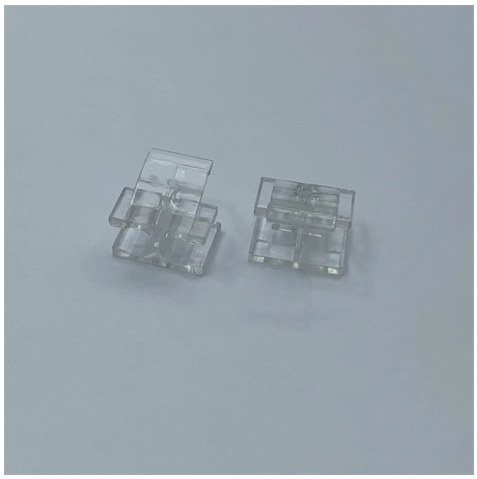
Huawei optical modules used in H3C switches



Overview

What Is an Optical Module and Its FAQs (V200) CloudEngine series switches must use optical modules that are certified for Huawei data center switches. Opti.

Key Takeaways

Huawei optical modules cannot be directly used on H3C switches due to authentication and encryption restrictions, but third-party compatible modules can work with proper configuration. Compatibility OverviewH3C switches perform authentication on inserted optical modules. Original Huawei optical modules are encrypted and designed for Huawei devices, so they are not natively compatible with H3C switches.

Attempting to use them directly will typically result in non-certified module alarms and the switch may not guarantee normal operation or maintenance support for these modules.

Third-

Party SolutionsThird-party vendors, such as ETU-Link and Moduletek, provide compatible optical modules that can operate on H3C switches. These modules are designed to bypass authentication restrictions and maintain stable network links while being more cost-effective than brand-specific modules. When using third-party modules, H3C switches may still generate alarm messages indicating a non-H3C module, but these alarms do not prevent normal operation.

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Managing Non-

Certified Module AlarmsH3C provides CLI commands to suppress alarms for non-certified modules. For example, on H3C S6820 switches, you can use commands to disable phony alarms, ensuring that port logs do not continuously report non-H3C modules while the transceivers function normally. This allows network administrators to use compatible modules without operational disruption.

Practical Recommendations

Do not use original Huawei modules on H3C switches, as they are not supported and may cause reliability issues. Consider third-party compatible modules that are tested for H3C switches to ensure stable performance. Suppress non-certified module alarms using H3C CLI commands to maintain clean logs and avoid unnecessary alerts.

Always verify the technical specifications of the module (e.g., SFP+, wavelength, and data rate) to match your H3C switch requirements. In summary, while direct use of Huawei optical modules on H3C switches is not possible, third-party compatible modules provide a reliable and cost-effective alternative, with proper configuration to manage alarms and ensure network stability.

Article Content

What Is an Optical Module and Its FAQs (V200)

CloudEngine series switches must use optical modules that are certified for Huawei data center switches. Optical modules that are not certified for Huawei data center switches cannot ensure

Can original HUAWEI optical module be used on H3C switch?

So can original HUAWEI optical module be used on H3C switch?The answer is No. Some companies, especially some famous companies, such as CISCO, HUAWEI and H3C etc., they all add password

SFP-XG-LX-SM1310 H3C Compatibility Guide for 10G Networks

Learn how SFP-XG-LX-SM1310 works with H3C devices, including compatibility checks, deployment tips, and performance insights for stable 10G networks.

How To Turn Off Alarms For Third-Party Modules On H3C Switches

By default, a large number of alarm messages will be generated if the module is verified as non-H3C original. H3C provides CLI commands to suppress these optical module alarm

Huawei and H3C switches view optical module receiving and emitting

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Huawei and H3C switches view optical module receiving and emitting and optical module information, Programmer Sought, the best programmer technical posts sharing site.

Common Non-Certified Optical Module Alarm Messages For Switches

Moduletek Laboratory has sorted out mainstream switch brands with customized compatibility restrictions, and summarizes their processing rules for third-party optical modules.

Switches-H3C

Build a high-bandwidth, converged, intelligent, and trusted optical network platform. Support smooth evolution capability for the future. In recent years, the IoT has developed rapidly. For the

Compatibility Matrix for Transceivers and Cables

Optech optical transceivers, copper cables and active cables are 100% compatible with all major switch brands on the market. All products are tested on corresponding equipment.

How To View Optical Transceiver Information On Huawei 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

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

High quality H3CSFP-XG-LX-SM1310-S 10G SFP+ Multi-mode Optical Module from China, China''s leading product market Fibre Channel Switch product market, With strict quality control Fibre

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Top Optical Transceiver Modules for Data Center Applications

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Introduction: Why Optical Modules Are Critical to Data Center Infrastructure In today''s cloud-first, AI-driven, and 5G-enabled landscape, optical transceiver modules play a pivotal role in

Huawei SFP Module Price

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Nokia 3HE11023AAAA01 10GBASE-SR SFP+ Optical Transceiver

The Nokia 3HE11023AAAA01 is a genuine original 10GBASE-SR SFP+ short-range optical transceiver, manufactured by Finisar for Nokia. Designed for high-speed 10 Gigabit Ethernet networks, this

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Ericsson RDH 102 414/35 R1A (RTXM228-525-C25) 10G CWDM SFP+ optical ...

All optical transceivers undergo professional optical performance testing before shipment. - Compatibility verification on major brand equipment (Cisco, Huawei, Ericsson, Nokia, Juniper, HP, H3C, Arista). -

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