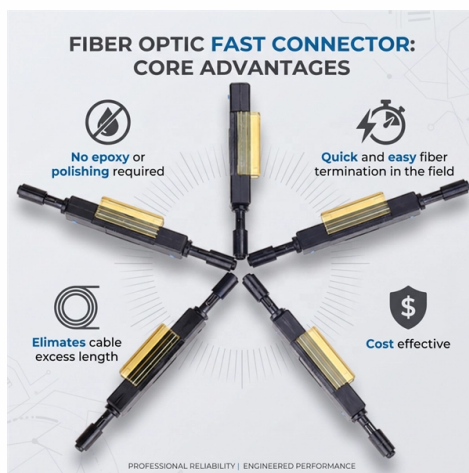


Can Huijue optical modules be connected to Huawei devices



Overview

Following these steps will safely open and activate the optical port on your Huawei switch, ensuring reliable optical connectivity.

Key Takeaways

Huijue optical modules can connect to Huawei switches if they are compatible and recognized, but non-Huawei-certified modules may trigger alarms or require configuration adjustments. Compatibility Considerations

Huawei switches and network devices are designed to work optimally with Huawei-certified optical modules, such as SFP, SFP+, QSFP+, and QSFP28 models . Using third-party modules like Huijue is possible, but there are important considerations:

- **Certification:** Non-Huawei modules may trigger an `OPTICALUNAUTHORIZED` alarm, indicating the module is not Huawei-certified . This can affect port operation or generate warnings in the device logs.
- **Temperature and Power Specs:** Ensure the Huijue module meets the temperature and power specifications supported by the Huawei switch to avoid port shutdowns or instability .
- **Command Configuration:** Huawei devices allow disabling alarms for non-certified modules using commands like `transceiver phony-alarm-disable` if the module is otherwise compatible .

Reading Module Status

To verify that a Huijue module is functioning correctly on a Huawei switch:

- Check interface status: Use the command display interface to view link status, module type, and traffic statistics .
- Query DDM/diagnostic info: Commands like display transceiver [interface interface-type interface-number | slot-id] or display transceiver diagnosis interface provide detailed module parameters, including optical power, temperature, and voltage .
- Interface brief: display interface brief lists all interfaces and helps confirm the correct port number for the module .

Best Practices

- Verify specifications: Confirm that the Huijue module matches the required data rate (e.g., 10G, 40G, 100G) and connector type for the Huawei device .
- Test in a controlled environment: Before deploying in production, test the module to ensure stable link operation and no unexpected alarms.
- Monitor performance: Regularly check interface statistics and DDM readings to detect any anomalies early .

Summary

Huijue optical modules can be used with Huawei devices if they meet the required specifications, but they may not be automatically recognized as certified. Proper verification, configuration, and monitoring are essential to ensure stable operation and avoid alarms or port issues .

Article Content

Are Huawei optical modules not compatible with Huijue

In summary, Huawei optical modules are not guaranteed to work with Huijue devices, and using them without certification carries

Enabling the optical port of the Huijue switch

Following these steps will safely open and activate the optical port on your Huawei switch, ensuring reliable optical connectivity.

Can Huijue use Huawei s optical modules

The device must use optical modules recommended on the configurator because non-Huawei-certified optical modules cannot

Can Huijue switches use Huawei optical modules

A switch must use optical or copper modules that have been certified for use on Huawei switches. This article summarizes several

Huijue Optical Module C600

The optical modules produced by our company are fully compatible with Dell network equipment, covering a variety of specifications

How to inspect Huijue s optical modules

If the transmit power remains low, replace the optical module or install it in another optical port to check whether it is faulty. If the

Can Huawei PON boards use Huijue optical modules

Non-Huawei-certified optical modules are not verified through interoperability tests with Huawei switches and may cause unexpected

How to configure Huijue optical modules

Activa Netcom & Energy Systems provides end-to-end telecom site energy solutions: outdoor power cabinets, integrated energy

How to use the optical port on a Huijue switch

When the transmit/receive power of the optical ports is too high, optical modules on the ports may be damaged. In this case, connect

Huijue Switch Display Optical Module

During certification of optical modules for Huawei switches, Huawei completes comprehensive functionality verification to ensure

Can H3C switches connect to Huijue optical modules

Can H3C switches connect to Huijue optical modules H3C switches generally require modules with compatible coding, so Huijue

Fiber optic module connected to Huijue switch

To connect a fiber optic module to a Huijue switch, insert a compatible SFP/SFP+ module into the switch's fiber port and connect it to

Connecting Optical Modules and Optical Fibers

A router must use Huawei-certified optical modules. Non-Huawei-certified optical modules cannot ensure transmission reliability and

Installing Optical Modules

Installing Optical Modules Context Do not look into bores of optical modules or connectors of optical fibers without eye protection.

Replacing an Optical Module

Replacing an optical module interrupts service transmission on the corresponding interface. Therefore, replace an optical module

Optical Modules for Huawei S Series Switches

A switch must use optical or copper modules that have been certified for use on Huawei switches. Non-certified optical or copper

Optical Module: Typical Optical Module Troubleshooting Procedure

Check the model of the faulty optical module. If it is not a Huawei-certified optical module, replace it with a Huawei-certified optical

How to make Huijue compatible with other optical modules

An eSFP module is an SFP module that supports monitoring of voltage, temperature, bias current, transmit optical power, and

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

