

How to disconnect the Huijue optical module



Overview

Huijue Switch Display Optical Module Never pull the cable itself to remove the connector. Immediately place dust caps on both the disconnected cable connec.

Key Takeaways

To safely disconnect a Huijue optical module, release the module latch, pull the module straight out, and immediately cover the exposed connectors with dust caps to prevent damage.

Step-by-Step Procedure

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Wear an ESD Wrist Strap: Before handling the optical module, put on a grounded antistatic strap to prevent electrostatic discharge that could damage the module or switch port .

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Identify the Latch Mechanism: Huijue optical modules typically use either a bail clasp (fold-down handle) or a slide tab. Locate the latch on the module .

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Release the Latch:

- **Bail Clasp:** Gently pull the bail clasp down and away from the module body until it is fully extended (around 90 degrees).
- **Slide Tab:** Slide the tab fully in the direction indicated (toward the rear or connector end depending on design) until it stops. You should feel the latch release .

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Disconnect the Fiber Cable: Grasp the connector body of the fiber optic cable (not the cable itself), press the clip if present, and gently pull the fiber out of the module .

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Remove the Optical Module: While holding the latch in the released position, carefully grasp the sides of the module and pull it straight out of the port using steady, even force. Avoid twisting, rocking, or using excessive force .

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Protect the Connectors: Immediately place dust caps on both the disconnected fiber connector and the exposed optical bore of the module. If storing the module, place it in an anti-static bag .

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Inspect the Port: Check the now-empty port for debris or bent pins and clean if necessary using compressed air designed for electronics .

Additional Considerations

- **Hot-Swappable:** Huijue SFP modules are generally hot-swappable, meaning you do not need to power down the switch to remove the module. However, removing a module may interrupt service on that port, so plan accordingly .
- **Compatibility Check:** Ensure the module is compatible with the switch to avoid port errors or damage .
- **Transmit Power Precautions:** If the module has been transmitting at high power, consider using optical attenuators or reducing transmit power before removal to prevent damage .

Following these steps ensures safe disconnection of Huijue optical modules while protecting both the hardware and fiber connections.

Article Content

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This article summarizes several solutions for using optical modules with switches and common problems encountered during usage,

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To connect a fiber, align the optical connector with the optical port and gently insert the optical fiber into the port. To remove a fiber,

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Before executing this command, you must remove the connected third-party module. Otherwise, you will need to reinsert the module

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The procedure of replacing an optical module is similar to that of replacing an electrical module. This section uses an optical module

Installing an Optical Module

Procedure Wear an ESD wrist strap or ESD gloves. Ensure that the ESD wrist strap is grounded and in close contact with your wrist.

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The optical port of the Huijue switch is always lit Access the interface view and run the undo shutdown command. If a message is

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Remove and install the fiber and optical module to ensure that the fiber and optical module are properly connected. Check whether

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Remove an Optical Transceiver SFP+ Module Press the optical cable connector latch down, and gently pull out the optical cable. Tip

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