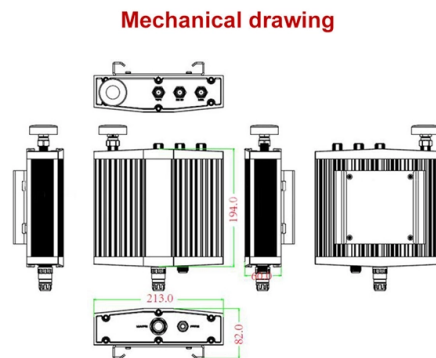


How to disconnect the fiber optic cable from a dual-mode optical module



AI Overview

Carefully unplug the fiber optic cable by first powering down the device, identifying the connector type, and gently releasing it along its axis while following laser safety precautions.

Step-by-Step Procedure

- 1. Power Down the Device** Before handling the fiber optic cable, ensure the optical module and any connected devices are powered off. This reduces the risk of laser exposure and prevents potential data loss during disconnection.
- 2. Identify the Connector Type** Dual-mode optical modules typically use connectors such as LC, SC, or ST. Knowing the connector type helps you understand the correct release mechanism:
 - LC connectors:** Use a lift-and-pull release mechanism.
 - SC connectors:** Rectangular body with a push/pull latch.
 - ST connectors:** Twist-and-lock bayonet style.
- 3. Observe Safety Precautions** Never look directly into the fiber optic module or cable ends, as they may emit invisible laser light that can damage your eyes. Wear protective eyewear if recommended and ensure the workspace is clean to avoid contamination.
- 4. Gently Disconnect the Cable** Hold the connector body, not the cable itself. Apply light, steady pressure to release the latch or mechanism. Pull the connector straight out along its axis without twisting or bending the cable. Stop immediately if you encounter resistance to avoid damaging the fiber or module.
- 5. Cap the Connectors** After removal, place the supplied rubber or plastic caps on both the optical module port and the fiber connector to prevent dust contamination and protect the fiber ends.
- 6. Inspect and Store** Check the fiber ends for dirt or damage before reconnecting. Store the cable safely to avoid bending beyond its minimum radius, which can cause signal loss or breakage.

Additional Tips Work slowly and deliberately to minimize stress on the fiber. Avoid lateral force or twisting, which can damage the internal glass fibers. If the connector is stuck or da...

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This chapter describes how to install and remove small form-factor pluggables (SFP modules or XFP modules) on the Cisco ASR 1000 Series Fixed Ethernet Line Card.

How to Install and Remove Optical Modules Safely

Grasp the connector body (not the cable!) of the fiber optic or copper cable. Depress the latch on the connector (for LC, SC types) and pull the connector straight out smoothly.

Technical Tip: SFP / SFP+ transceiver handling guide

To remove the SFP transceiver modules: Make sure to be properly grounded. If applicable, disconnect the fiber-optic cable from the SFP transceiver module connector and install a

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Disconnect the fiber optic cables from the transceiver. Pull the adapter assembly rubber pull tab (item 3 in the illustration) to release the transceiver from the QSFP system port.

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Use the information in this topic to remove OSFP or QSFP-DD optical transceivers and fiber-optic cables. Juniper Networks transceivers are hot-removable and hot-insertable field

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Remove the cable connected to the transceiver (see Disconnect a Fiber-Optic Cable). Cover the transceiver and the end of each fiber-optic cable connector with a rubber safety cap

Advanced Fiber Resources (Zhuhai) Ltd.

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