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How to unplug the network cable from a fiber optic router



Overview

Final Thoughts Unplugging a fiber jack requires a careful approach to maintain the integrity of the fiber optic system.

Key Takeaways

To safely unplug a network cable from a router connected to a fiber optic line, power down the device, handle the fiber connector carefully, and pull it straight out without twisting or bending.Step-by-Step Instructions

1. Power Down the Router: Before touching any cables, turn off the router and unplug its power adapter. This prevents potential electrical interference and eliminates the risk of exposure to the fiber's infrared light signal . 2. Clear Your Workspace: Ensure the area around the router is clean and free of clutter. Dust or debris can contaminate the fiber connector and degrade signal quality . 3. Identify the Fiber Optic Cable and Connector Type: Fiber optic cables are thin and flexible, often labeled “fiber,” “optical,” or “FTTH.” Common connector types include SC, LC, ST, and FC. Knowing the connector type helps you release it correctly . 4. Handle the Cable Carefully: Always hold the plastic connector body, not the cable itself. Avoid bending, twisting, or applying lateral force, as the internal glass fibers are fragile and can break easily . 5. Release the Connector:

- SC connectors: Press the push-pull latch to release.
- LC connectors: Squeeze the small clip or latch.

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• Other types: Follow the manufacturer's instructions for release . 6. Pull the Connector Straight Out: Gently pull the connector perpendicular to the router port. Do not wiggle, twist, or pull at an angle, as this can damage the connector or port . 7. Protect the Exposed Ends: Immediately place protective caps on both the router port and the fiber connector to prevent dust or oil contamination. If caps are unavailable, store the connector in a clean, sealed container . 8. Inspect Before Reconnecting: After any temporary removal, check the connectors for dirt or damage before reconnecting. This ensures optimal signal transmission and prevents intermittent connection issues .
Additional Tips
• Work slowly and steadily to avoid stressing the fiber.

• If the connector is stuck or damaged, contact your ISP or a certified technician rather than forcing it .

• Avoid touching the glass tip of the fiber; even microscopic dust can degrade performance . Following these steps ensures that your fiber optic network remains intact, safe, and fully functional after unplugging the cable.

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FTTH Modem Return Handling

Applicable to customer who haven''t installed fiber socket, please find the location of optical fiber cable as follow Loosen the screw

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Unplug the router end of the patch cable first. The RJ45 system relies on a spring tab holding the plug in which is released by

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networking

When you unplug/replug the Ethernet cable, what happens is that your network adapter is disabled/reenabled. The

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Grab the square part of the green connector and pull away from the router to disconnect it. Then you will be able to lift the lever on

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