

Where to leave the fiber optic router



Article Overview

To safely remove and use a fiber optic router, carefully disconnect the fiber cable from the ONT, then connect the router via Ethernet and configure it for internet access.

Safely Removing the Fiber Optic Cable

- **Power Down Devices:** Turn off the router and the Optical Network Terminal (ONT) to prevent electrical hazards and laser exposure from the fiber cable .
- **Identify Connector Type:** Most home setups use SC or SC/APC connectors. These have a push/pull latch mechanism .
- **Remove the Connector:** Gently press the release mechanism and pull the connector straight out along its axis. Avoid twisting or bending the cable, as the glass fibers are fragile .
- **Cap the Connectors:** Place protective caps on both the fiber cable and the ONT port to prevent dust or damage .
- **Handle with Care:** Always work slowly and avoid lateral force to prevent cracks or breaks in the fiber .

Using the Fiber Optic Router

- **Connect to the ONT:** After removing the fiber cable, reconnect it to the ONT if needed. The ONT converts the optical signal into an electrical signal that the router can use .
- **Link Router via Ethernet:** Use a high-quality Ethernet cable (Cat6a or higher) to connect the ONT's LAN port to the router's WAN port .
- **Power On Devices:** Turn on the ONT first, wait for the status lights to stabilize (usually 2-5 minutes), then power on the router

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For the best results, place your router out in the open where the signal can spread freely in all directions and with good ventilation.

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Prior to any installation, assess the route carefully to determine the methods of installation and obstacles likely to be encountered. All

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Where to Place Your Wi-Fi Router for the Best Signal

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Contact Us

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