

How to plug the mobile fiber optic cable into the router



Article Overview

You connect a fiber optic cable to a router by first linking it to an Optical Network Terminal (ONT), which converts the light signal into an Ethernet signal, then connecting the ONT to your router via an Ethernet cable.

Step 1: Gather Necessary Equipment

- Fiber optic cable: Usually a thin yellow cable with SC/APC or SC/UPC connectors .
- Optical Network Terminal (ONT): Converts light signals from the fiber into electrical signals your router can use .
- Router: Ensure it has a WAN or Internet port compatible with Ethernet input .
- Ethernet cable: Preferably Cat6 or higher for optimal speed .
- Power adapters: For both the ONT and router.

Step 2: Install the ONT

- Locate the fiber wall outlet where your ISP's fiber line enters your home .
- Connect the fiber optic cable to the ONT's optical port. Remove protective caps and handle the connector by its housing to avoid damage .
- Power on the ONT and wait for the status lights to stabilize, which may take a few minutes . A solid green or blue light indicates a successful connection.

Step 3: Connect the ONT to Your Router

- Use an Ethernet cable to connect the ONT's LAN/Ethernet port to the router's WAN/Internet port

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Fiber-optic cable

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SFP+ is a fiber-optic module that plugs directly into compatible routers, bypassing the copper Ethernet conversion

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Firstly, disconnect any existing connection to your modem or router. The next step involves connecting

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