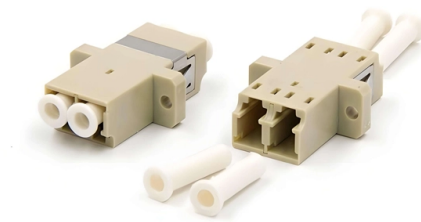


How to connect a fiber optic router to fiber optic cable



Article Overview

To connect a fiber optic router, you must first link the fiber cable to an Optical Network Terminal (ONT), then connect the ONT to your router via Ethernet.

Required Equipment

- Optical Network Terminal (ONT): Converts the optical signal from the fiber into an electrical signal your router can use .
- Fiber Optic Cable: Usually provided by your ISP, with SC/APC or SC/UPC connectors .
- Router: Ensure it supports fiber input via WAN or SFP ports .
- Ethernet Cable (Cat5e or higher): Connects the ONT to the router .

Step-by-Step Connection

- Locate the Fiber Termination Point: This is the wall outlet or fiber terminal where your ISP's fiber line enters your home .
- Connect Fiber Cable to ONT: Remove protective caps from both the fiber cable and ONT port. Carefully insert the fiber connector into the ONT's optical port until it clicks securely . Handle the fiber by its plastic housing to avoid damage.
- Power On the ONT: Plug in the ONT and wait for the status lights to stabilize, indicating a successful connection to your ISP's network .
- Connect ONT to Router: Use an Ethernet cable to link the ONT's LAN/Ethernet port to the router's WAN port .
- Power On the Router: Wait for the router's indicator lights to confirm connectivity.
- Configure Router Settings: Access the router's admin panel via a web browser (co...

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