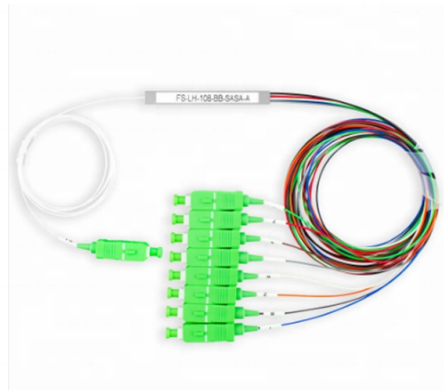


How to set up a new router with a 50m fiber optic connection



AI Overview

To set up your router for a 50M fiber optic connection, connect the fiber line to an ONT, link the ONT to your router via Ethernet, and configure your router with ISP credentials and Wi-Fi settings.

Step 1: Gather Required Equipment

- Optical Network Terminal (ONT): Converts fiber optic signals into electrical signals your router can use, usually provided by your ISP .
- Fiber optic cable: Typically a thin yellow cable with SC/APC or SC/UPC connectors .
- Router: Ensure it is fiber-compatible and supports at least gigabit speeds to fully utilize your 50M connection .
- Ethernet cable: To connect the ONT to your router .

Step 2: Physical Connection

- Locate the fiber optic wall outlet where the ISP's fiber line enters your home .
- Connect the fiber optic cable from the wall outlet to the ONT's designated port .
- Power on the ONT and wait 2-5 minutes for the status lights to stabilize .
- Use an Ethernet cable to connect the ONT's LAN port to your router's WAN port .
- Power on the router and wait for the indicator lights to confirm a successful connection .

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