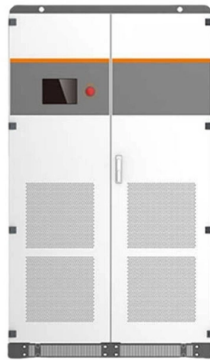


How to install a fiber optic box for a router



AI Overview

To connect a fiber optic internet line to your router, you must first install an Optical Network Terminal (ONT) and then link it to your router using an Ethernet cable.

Step 1: Gather Required Equipment

- Optical Network Terminal (ONT): Provided by your ISP, this device converts the fiber optic light signal into an electrical signal your router can use .
- Fiber optic cable: Usually a thin, yellow cable with SC/APC or SC/UPC connectors .
- Ethernet cable: Cat6 or higher is recommended for high-speed data transfer .
- Router: Ensure it has a WAN or Internet port compatible with Ethernet input .

Step 2: Connect the Fiber Optic Cable to the ONT

- Locate the fiber optic wall outlet where the ISP's fiber line enters your home .
- Remove protective caps from both the fiber cable and the ONT port.
- Align the connector using the key or tab and push it in until it clicks securely .
- Handle the fiber cable carefully to avoid dirt or damage, as the connectors are sensitive .

Step 3: Link the ONT to Your Router

- Use an Ethernet cable to connect the ONT's LAN or Ethernet output port to the WAN/Internet port on your router .
- Ensure the Ethernet cable is fully seated in both ports to prevent connectivity issues

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