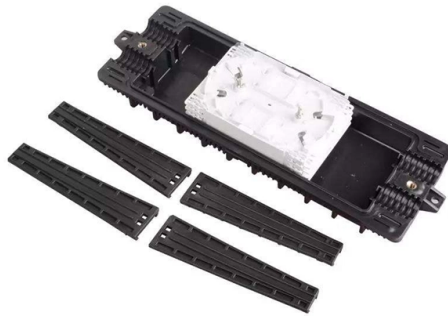


Adding a router to a fiber optic connection



AI Overview

To connect fiber optic internet to your router, you must first use an Optical Network Terminal (ONT) to convert the fiber signal, then link it to your router via Ethernet and configure your network settings.

Required Equipment

- Optical Network Terminal (ONT): Converts fiber optic signals into data your devices can use, usually provided by your ISP .
- Compatible Router: Ensure it has a WAN or SFP port labeled for fiber or ONT input .
- Fiber Optic Cable: Typically thin, yellow, with SC/APC or SC/UPC connectors .
- Ethernet Cable: To connect the ONT to your router .
- Power Supply: For both the ONT and router.

Step-by-Step Installation

- Locate the Fiber Outlet: Identify where the ISP's fiber line enters your home .
- Connect the Fiber Cable to the ONT: Remove protective caps, align the connector, and insert it into the ONT's optical port until it clicks securely . Handle the fiber carefully to avoid damage.
- Power On the ONT: Plug in the ONT and wait 2-5 minutes for the status lights to stabilize, indicating a proper connection .
- Connect the ONT to the 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 a successful...

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