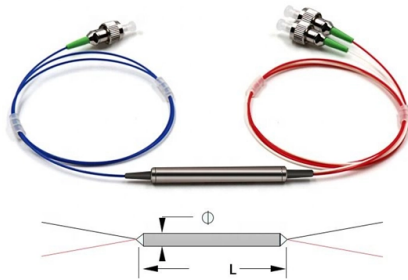


Home Router Fiber Optic Cable Connection



Article Overview

A fiber optic cable connects to your router through an Optical Network Terminal (ONT), which converts the optical signal into an Ethernet signal your router can use.

Step 1: Gather Necessary Equipment

To set up a fiber connection, you will need:

- Optical Network Terminal (ONT): Provided by your ISP, it converts light signals from the fiber into electrical signals for your router .
- Fiber optic cable: Usually thin and yellow, with SC/APC or SC/UPC connectors .
- Router: Ensure it has a WAN or Ethernet port compatible with the ONT .
- Ethernet cable (Cat5e or higher): Connects the ONT to the router .
- Power cables: For both the ONT and router.

Step 2: Install the ONT

- Locate the fiber wall outlet where the ISP's fiber line enters your home .
- Connect the fiber optic cable from the wall outlet to the ONT's optical port. Handle the fiber connector carefully, avoiding dirt or damage .
- Power on the ONT and wait for the status lights to stabilize (usually 2-5 minutes), .

Step 3: Connect the ONT to Your Router

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

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Fiber to the Home (FTTH) means the fiber-optic cable runs all the way from the provider's network directly to your

Contact Us

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