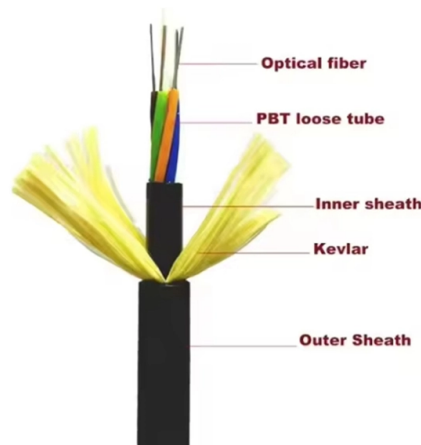


Connecting to the fiber optic router panel



Article Overview

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

Step-by-Step Connection Process

1. Identify the Fiber Entry Point: Locate the fiber optic wall outlet where your ISP's fiber line enters your home or office. This is typically a small panel or socket installed by your provider . 2. Connect the Fiber Cable to the ONT: The fiber optic cable does not plug directly into a standard router. Instead, it connects to the Optical Network Terminal (ONT), which converts the optical signal into an electrical signal your router can use . Remove protective caps from both the fiber cable and the ONT port, align the connector carefully, and insert it until it clicks securely . 3. Link the ONT to the Router: Use a high-quality Ethernet cable (Cat6 or Cat6a recommended) to connect the ONT's LAN or Ethernet output port to the WAN/Internet port on your router . This allows your router to receive the internet signal from the ONT. 4. Power On the Devices: First, plug in the ONT and wait for it to boot up and establish a connection with your ISP's network. Once the ONT is stable, power on your router and allow it to initialize . 5. Configure the Router: Access your router's admin panel via a web browser (commonly 192.168.1.1 or 192.168.0.1). Enter any ISP-provided credentials if required, and configure Wi-Fi settings, passwords, and security options . Check for firmware updates to ensure optimal performance .

Tips for Optimal Setup

- Placement: Keep both the ONT and router near power outlets in a dry, ventilated area, ideally protected by a surge suppressor.

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