

Where to plug in the fiber optic cable on the new router



Article Overview

The fiber optic cable plugs into the Optical Network Terminal (ONT), and then the ONT connects to your router via the WAN/Ethernet port.

Step-by-Step Connection

1. Locate the Fiber Optic Wall Outlet This is where your ISP's fiber line enters your home. The fiber cable from this outlet will connect to the ONT provided by your ISP .
2. Connect the Fiber Cable to the ONT

- Remove the protective dust caps from both the fiber cable and the ONT port.
- Align the connector (usually SC/APC or SC/UPC) with the ONT's optical port.
- Insert the cable until it clicks securely. Handle the fiber connector by its plastic housing to avoid damage .

3. Power On the ONT Plug in the ONT's power adapter and wait for the status lights to stabilize, which may take 2-5 minutes. A solid green or blue light indicates a successful connection to the fiber network .
4. Connect the ONT to Your Router Use a high-quality Ethernet cable (Cat6a or higher) to link the ONT's Ethernet/LAN port to the WAN port on your router. The WAN port is often labeled and may be colored differently from LAN ports .
5. Power On the Router After connecting the Ethernet cable, plug in and power on your router. Wait for the indicator lights to confirm a successful connection. You may need to access the router's admin panel to enter ISP credentials if required .
6. Optional: Test the Connection Use network testing tools or simply check internet connectivity on a device to ensure the fiber connection is active and stable

Article Content

Installing Fibre Optics: A Step-by-Step Guide for Everyone

In today's digital age, having fast and reliable internet is essential for both work and leisure, and installing fibre optics

How to connect a fiber optic cable to the router

Connect the fiber optic cable to the router: Carefully insert the end of the fiber optic cable into the corresponding port

How to Connect Fiber Optic Cable to Router: A Step-by-Step Guide

Connecting a fiber optic cable to a router is a straightforward process that can greatly enhance your internet experience. By following

How to connect fiber optic cable to router?

Therefore, it is likely that most new routers will be equipped to handle fiber optic connections without any issues. Fiber

How to connect fibre optic cable to router with LAN port

I have a fibre optic cable incoming to an ONS, on the way out of the ONS is also a fibre optic cable which goes directly

How to Connect Fiber Optic Cable to Router: A Step-by-Step Guide

Connecting a fiber optic cable to a router might seem daunting at first, but with the right tools and a bit of patience, it's a

Can i use a normal router on fiber optic cable wifi?

My local internet providers, Indiehome, uses a fiber optic cable and they gave us a free Huawei router, they said it was

Contact Us

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