

## Fiber Broadband Switch Settings



### Overview

Want to know more or have questions about our full-fibre broadband? You'll find all the answers you need on our help & support page.

### Key Takeaways

To optimize your fiber broadband, switch your hub to Full Fibre mode, connect the ONT to your router via the WAN port, and adjust router settings for speed and reliability. Switching Your Hub to Full Fibre Mode

If you have a Smart Hub 2 or similar device, you need to enable Full Fibre mode to use your fiber connection effectively. Connect your Openreach modem to the WAN or Port 4 on the hub using a Cat5E or higher Ethernet cable. Use the admin password on the hub sticker; if it fails, perform a factory reset and re-enter the password. Once connected, the hub will update and display the Full Fibre toggle, dedicating Port 4 for fiber use .

#### Connecting the ONT to Your Router

The Optical Network Terminal (ONT) converts fiber optic signals into data your devices can use. Connect the fiber cable from the wall outlet to the ONT, then use an Ethernet cable to link the ONT's LAN port to your router's WAN port. Power on both devices and wait for the status lights to stabilize, indicating a successful connection .

#### Optimizing Router Settings

To maximize speed and stability on fiber broadband:

- Placement: Position the router high, central, and in the open to reduce interference .
- Frequency Bands: Assign 5 GHz for work/gaming devices and 2.4 GHz for IoT or older devices.
- Channels: Use quieter channels (DFS if supported) to reduce congestion.
- Quality of Service (QoS): Prioritize real-time traffic like video calls or gaming over background updates.
- Guest Network: Create a separate SSID for visitors and smart devices to keep your main network fast.
- Firmware & Security: Update firmware, change admin passwords, and enforce WPA2/WPA3 encryption .

#### Additional Tips

- Ensure the ONT and router are near a power source and close to each other for optimal performance .
- Use high-quality Ethernet cables (Cat5E or higher) to support gigabit speeds.
- Regularly check for firmware updates and monitor network performance to maintain reliability. Following these steps ensures your fiber broadband is configured correctly, providing high-speed, low-latency, and reliable connectivity for all your devices.

## Article Content

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### Changes to your home phone and broadband

Fibre broadband and Digital Voice aren't available at your address yet. If this changes in the future, we'll let you know when you can

### How do I switch my hub to Full Fibre mode? | BT Help

How do I switch my hub to Full Fibre mode? To use your existing Smart Hub 2 with your new Full Fibre Broadband, you need to

Full Fibre Guide: Let's get you up and running.

The power, internet and WiFi lights on the front of your hub should go green after a few minutes (the voice light is not in use and will

How to set up your TP-Link router (Fibre Switch customers)

If you've ordered one of our Fibre Switch packages, follow these instructions to set up your TP-Link router on the day that your

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Modem Options for Fibre & Wireless | Contact Energy NZ

Explore Contact Energy's range of plug and play modems for Fibre, Wireless and VoIP connections. Featuring Wi-Fi 6, parental

Fiber Optic Switch Guide: Definition, Connection Methods, Cabling ...

A practical B2B guide explaining what a fiber optic switch is, how to connect fiber optic cable to Ethernet switches, how

Fiber Switch Configuration Guide

The document provides configuration instructions for a new and old fiber home switch using terminal emulation software like PuTTY

Complete Guide to Fiber Optic Home Networking | BroadbandSearch

Build a home fiber network for 1-2 Gbps speeds with this complete guide to installation, troubleshooting, and performance.

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