

How to relocate a fiber optic router



Overview

The typical solution is install the fiber modem in the best place for the fiber, and then run a single ethernet line to your router.

Key Takeaways

Relocating a fiber optic router requires careful planning, proper handling of fiber cables, and coordination with your internet service provider to ensure uninterrupted service. **Step 1: Check with Your Service Provider**

Before moving your fiber optic router or ONT (Optical Network Terminal), contact your ISP to confirm whether you are allowed to move the equipment yourself. Some providers require a technician to relocate the ONT or modem, and moving it without authorization could void your warranty or service agreement .

Step 2: Plan the New Location

Choose a central, elevated spot in your home with minimal obstructions and away from heat, moisture, or heavy foot traffic. Ensure the location is near a power outlet and that the fiber cable can reach without stretching or bending sharply, as fiber cables are sensitive and can break or degrade signal if bent too tightly .

Step 3: Measure and Prepare Cables

Measure the distance from the current router or ONT to the new location. You may need longer Ethernet cables or cable management solutions to maintain a neat setup. Avoid sharp bends in the fiber cable, and keep it clean from dust or debris .

Step 4: Disconnect and Move Equipment

- Turn off and unplug the router and modem/ONT.
- Label all connections to avoid confusion.
- Carefully move the devices to the new location, ensuring the fiber cable is not stressed or bent .

Step 5: Reconnect and Test

- Connect the fiber cable to the ONT or modem.
- Connect the router to the modem using an Ethernet cable.
- Plug in power cords and turn on the devices.
- Test the internet connection on multiple devices to ensure stability. Restart the router and modem if necessary .

Step 6: Optimize Wi-Fi Performance

After relocation, use Wi-Fi analyzers or apps to check signal strength and adjust router placement if needed. Consider mesh Wi-Fi systems or range extenders if the new location does not cover all areas effectively .

Step 7: Professional Assistance

If the fiber cable needs to be rerouted outside your home or the ONT must be moved to a distant location, hire a professional technician to avoid damaging the fiber line and ensure proper installation . By following these steps, you can safely relocate your fiber optic router, improve Wi-Fi coverage, and maintain a stable internet connection.

Article Content

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What I would like to do is replace the second fiber line (to the ONT) and run it back up to the attic and drop it into the closet where

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From what I can see is yes it is fiber. Why can't you get another router to extend your network and leave the modem at its current

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There's no coaxle cables connected, all it is is the fiber optic cable running along my baseboards as well as the power cables. At the

Moving a fibre connection

Fiber optic cable can be move with the same care that you move copper. The cable is fairly strong, and rugged, it's just

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Fiber Optic service, which uses an Optical Network Terminal (ONT) to convert the light signal, is the most restrictive

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If you want to move your router further away from your white fibre box (ONT), or from the telephone socket (if you're

Moving router/ONT to other side of room

To move the ONT, I'd have to get a longer fiber cable which would run along the baseboard and over doorways. If I

Extend Fiber line so allow relocation of ONT/Router

I have the BGW-320 ATT ONT/Gateway/Router located where the previous homeowners had their cable line coming through the

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Why don't you just extend the fiber cable? Not sure where you live, but here in Switzerland you normally get a

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