Fiber optic router location modification



Overview

Router Placement Optimization: Science-Based Positioning GuideScience-based recommendations for optimal router placement in your home. The networking equip.

Key Takeaways

You can move a fiber optic router by either relocating the optical network terminal (ONT) with your provider's help or running an Ethernet cable from the ONT to a new router location.

Key Considerations

Fiber cables are fragile and have a minimum bend radius, so bending or stretching them can break the glass inside. This makes moving the ONT or fiber line yourself risky. In most cases, the safest approach is to keep the ONT in its original location and run a high-quality Ethernet cable to the new router location.

Steps to Move Your Router

Plan the new location: Choose a central, elevated spot away from walls and obstructions to maximize Wi-Fi coverage. Check cabling options: If your home has Ethernet jacks, you can connect the router to the ONT via the nearest jack. If not, you may need to run a long Ethernet cable from the ONT to the new location.

Use a network switch or access point: If you need multiple wired connections in the new room, connect a switch or configure a secondary router as an access point to expand ports. Power down and disconnect: Turn off the router and unplug all cables before moving. Connect and test: Plug the Ethernet cable into the router at the new location, connect power, and restart the router.

© 2026 DOLPHIN FIBER SYSTEMS - All rights reserved

Test Wi-

Fi coverage and speed to ensure optimal performance. Alternatives if Moving the ONTCall your ISP: Some providers can relocate the ONT to a new room, but this usually requires a technician visit and may incur a fee.

Use Wi-

Fi extenders or mesh systems: If running Ethernet is impractical, a Wi-Fi extender or mesh network can improve coverage without moving the ONT.

Tips for Success

Avoid running Ethernet cables parallel to electrical lines to reduce interference. Measure cable lengths carefully and use high-quality Cat6 or better cables for reliable speeds. If using a secondary router as an access point, disable DHCP to prevent IP conflicts.

By following these steps, you can safely move your fiber optic router to a more convenient location while maintaining strong internet performance.

Article Content

Router Placement Optimization: Science-Based Positioning Guide

Science-based recommendations for optimal router placement in your home. The networking equipment in your home determines whether you actually experience the full capability of

Retrofit Fiber Optic in Your Home – How to Distribute the Cable Correctly

Want to retrofit fiber optic in your home? Learn how to distribute fiber optic lines and properly connect your router – even in multi-family houses.

Relocating Your Router and Modem: A Comprehensive Guide

You might want to try repositioning the router or adding a Wi-Fi extender to achieve better connectivity. Finally, conducting speed tests in various locations can help pinpoint where the loss is

Can I Move My Internet Modem to Another Room?

Moving the modem to a more central or convenient room is a common goal for improving wireless coverage and eliminating dead zones. Determining the feasibility and executing the

How to Move Your Router to Another Room

© 2026 DOLPHIN FIBER SYSTEMS - All rights reserved

Learn how to move your router to another room with our step-by-step guide. Improve your Wi-Fi signal and enjoy better internet speeds in any part of your home. Read more now.

How to Relocate a Fiber Optic Modem: Step-by-Step Guide

Many people need to move their fiber optic modem when rearranging rooms, upgrading their home office, or improving Wi-Fi signal in the house. However, moving this device is not as

The FOA Reference For Fiber Optics

Many cities have fiber optic cable plants installed for city communications, security, traffic systems, citywide WiFi, etc. and may have spare fibers. If no spare fibers

Choosing the Best Spot for the Router in Your New House

Want to greatly improve wi-fi signal throughout your new home? We provide the best (and worst) spots for router placement so you can maximize your internet speed.

Faint Fibre Outlet (FFO)

Extend the Fibre Broadband throughout your home with this Fibre Extension Kit. The FFO allows you to re-position an existing hub or router to up to 30m within your home, providing added flexibility and

Moving my fibre Broadband to another room

If you call your internet provider they can extend the fiber cable and use the existing channels in the walls to route it wherever you want it to be. Since it''s a super slim fiber cable can run

Relocating a fibre-optic router-modem within a home

I''ve just gotten an FTTH fiber optic internet provider in Canada. The problem I''m having is that the technician would only install the router/modem by the back of my apartment where the fiber comes...

Fiber Optic Cable Slack Storage Module

The fiber optic slack storage module of claim 1, wherein the fiber optic slack storage module removably installs in a fiber optic equipment tray without the need for any modification or

Fiber Internet Provider

What is Greenlight Networks? A Local Fiber Internet Provider Greenlight Networks is a locally operated fiber internet provider bringing 100%

Choosing the Best Spot for the Router in Your New House

© 2026 DOLPHIN FIBER SYSTEMS - All rights reserved

Congratulations—you''re about to move into the house of your dreams and connect to fiber optic internet. One of the next steps will be finding the best place to put the Wi-Fi router so your

FTTP Fibre Internet

Hi, in this video today we move a router on a newly installed Fibre broadband install. My brother was unable to have the setup were he required it on the ins...

Need to move modem and hub to a different location ...

Hi everyone, I recently had an Openreach engineer install a new modem and hub for my BT Fibre 500 broadband service. Unfortunately, the location where the equipment was installed is

Move Fibre Phone Line Shift Fibre Router. Move ONT Fiber Box

Move Fibre phone line box - Shift ONT & Broadband to new location - Local Engineer. Re route cables, connect phones. Set up WiFi boosters, Network Access points

Fiber Internet Near You

Enter your address to find out if Google Fiber internet is available near your location and see the cities where Google Fiber internet is currently available.

Contact Us

Continue your research online:

Website: https://dolphinspreschool.co.za
Technical inquiry: https://dolphinspreschool.co.za/project-desk.html
African project coordination: Waterfall City, Midrand, Gauteng, South Africa

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 DOLPHIN FIBER SYSTEMS - All rights reserved