Does moving a router require moving the fiber optic cable

Overview

Can I Move My Fiber Router?

Boost Your Signal FastA technician is usually not needed if you only move the router within your home. But if you need to exten.

Key Takeaways

Relocating a router does not always require moving the fiber optic cable, but careful planning is needed due to fiber's fragility and connection requirements.Fiber Cable Considerations

Fiber optic cables are delicate and have a minimum bend radius, meaning they cannot be sharply bent without risk of breaking the glass inside, which would disrupt your internet connection . The fiber coming from your wall or ONT (Optical Network Terminal) is typically single-mode with specific connectors (like SC to SC), and replacing or extending it requires compatible patch cables . Many ISPs prefer that the fiber remains in its original location to avoid damage and signal loss .

Options for Relocating the Router
• Keep the fiber in place and extend via Ethernet: The most common solution is to leave the fiber-connected modem or ONT where it is and run a Cat6 or higher Ethernet cable to the new router location. You can then use a switch or configure a second router as an access point to provide multiple ports or Wi-Fi coverage in the new area .

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

• Move the fiber cable: If you must move the fiber, you may need a professional installation to extend or relocate the fiber safely. This often involves a fee charged by the ISP or Openreach for moving the ONT or master socket . DIY relocation is possible but risky due to the fragility of the fiber and the need for proper connectors .
Practical Advice
• Avoid sharp bends and tension on the fiber cable.

• Use high-quality Ethernet cables for long runs to maintain speed and reliability.

• Consider mesh Wi-Fi systems or repeaters if the goal is better coverage rather than physically moving the router .

• If moving the fiber is unavoidable, contact your ISP to ensure proper handling and avoid service disruption. In summary, you can often move your router without moving the fiber cable by using Ethernet extensions or network switches, but moving the fiber itself should be done carefully or professionally to prevent damage and maintain signal quality.

Article Content

Relocating a fibre-optic router-modem within a home

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. If it''s an

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Contact Us

Continue your research online:

Website: https://alfa-pro.co.za
Technical inquiry: https://alfa-pro.co.za/contact.html

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

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved