# Gigabit fiber optic cables should not be placed on a router






© 2026 Indzawo Optic Connect - All rights reserved

# Gigabit fiber optic cables should not be placed on a router




For a fiber optic connection, you need an optical network terminal (ONT), a router, and appropriate Ethernet connections for wired devices. Your service provider typically supplies the ONT, ...



When most people think of safety in fiber optic installations, the first thing that comes to mind is eye damage from laser light in the fiber. They have an image of a laser burning holes in metal or perhaps ...



In this video, we''re walking you through the top 8 things not to do when working with fiber optic cable. These are the mistakes we see all too often, and they can derail your installation,...



For best results, choose a router that supports gigabit or multi-gigabit speeds and modern standards like Wi-Fi 6 (802.11ax) or newer. Installing the router in a centrally located position within ...

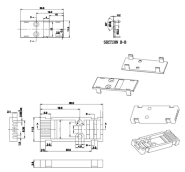


The fiber optic cable does not plug directly into a standard home router because the signal type must be translated. The fiber line terminates at the Optical Network Terminal (ONT), ...

© 2026 Indzawo Optic Connect - All rights reserved



Use quality cables: Avoid bending or damaging fiber optic cables, as they''re fragile. Position the router centrally: Maximize Wi-Fi coverage by placing the router in an open area.



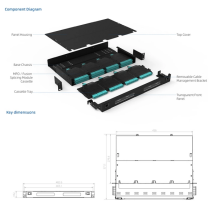
Because fiber-optic cables transmit light through glass strands and do not emit electromagnetic fields related to copper or wireless transmissions, they do not pose known health ...




By following this detailed guide, you''ve not only learned how to connect fiber optic cable to router properly but also how to optimize and maintain that connection for peak performance.



Avoid costly fiber optic installation errors. Learn the top 10 things NOT to do with fiber optic cables and how to handle them safely.



Ideally, the router should be centrally located and placed high, away from obstructions like thick walls or metal appliances to provide even coverage and distribution of the Wi-Fi signal...

© 2026 Indzawo Optic Connect - All rights reserved

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: https://www.indzawo.co.za
Email: sales@indzawo.co.za
Phone: +27 71 296 8473
Address: 22 Quantum Street, Midrand, 1685, Gauteng, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

*© 2026 Indzawo Optic Connect - All rights reserved*