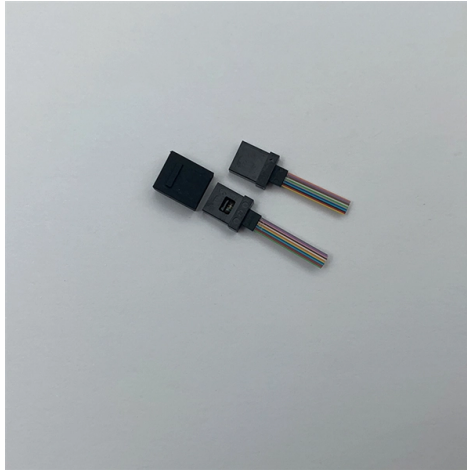


How to activate network access via fiber optic cable



AI Overview

Activating a fiber optic cable involves installing an Optical Network Terminal (ONT), connecting it to your router, and configuring your network for internet access.

Step 1: Gather Necessary Equipment Before starting, ensure you have:

- Optical Network Terminal (ONT):** Converts fiber optic signals into data your devices can use, usually provided by your ISP.
- Fiber optic cable:** Typically a thin, yellow cable with SC/APC or SC/UPC connectors.
- Fiber-ready router:** Must support fiber input via SFP or WAN port.
- Ethernet cable:** To connect the ONT to your router.

Step 2: Install the ONT Locate the fiber optic wall outlet where the ISP's fiber line enters your home. Connect the fiber optic cable from the wall outlet to the ONT's designated port. Plug in the ONT's power adapter and wait 2-5 minutes for the status lights to stabilize, indicating the device is ready.

Step 3: Connect the ONT to Your Router Use an Ethernet cable to connect the ONT's Ethernet/LAN port to your router's WAN port. Power on the router and wait for the indicator lights to confirm a successful connection. Configure your router settings if necessary, including Wi-Fi network name and password.

Step 4: Verify the Connection Check that your devices can access the internet. Run a speed test to ensure you are receiving the expected fiber speeds. If the connection is unstable, ensure all cables are securely connected and the ONT is properly powered.

Additional Tips

- Handle fiber cables carefully:** Avoid bending or pulling too hard, as this can degrade signal quality.
- ONT placement:** Keep it within 3 meters of the fiber entry point to minimize signal loss.
- Professional installation:** For first-time setups or complex buildings, consider having a technician install the fiber to ensure optimal performance.

By following these steps, your fiber optic cable will be activated, providing high-speed, low-latency internet suitable for streaming, gaming, and other...

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

Website: <https://araziyahsafety.co.za>

Email: info@araziyahsafety.co.za

Phone: +27 72 418 3692

Address: 123 Rivonia Road, Sandton, Johannesburg, 2196, South Africa

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