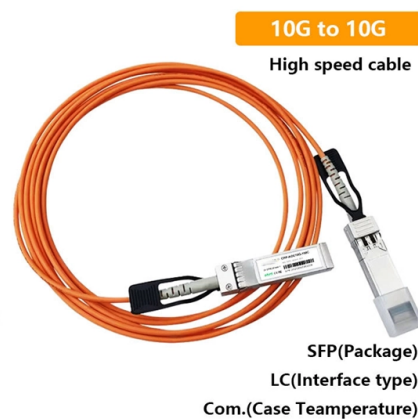


Setting up a fiber optic box to connect to a router



Article Overview

To connect your fiber optic internet, plug the fiber cable into the ONT, link the ONT to your router via Ethernet, power both devices, and configure your router for internet access.

Step 1: Prepare Your Equipment

Ensure you have the following components:

- Optical Network Terminal (ONT): Converts the fiber optic signal into an electrical signal your router can use .
- Fiber optic cable: Usually a thin yellow cable with SC/APC or SC/UPC connectors .
- Ethernet cable: Cat6a or higher is recommended for optimal speeds .
- Router: Must support gigabit speeds or higher to fully utilize fiber .
- Power adapters for both ONT and router.

Step 2: Connect the Fiber Cable

- Locate the fiber optic wall outlet where your ISP's fiber line enters your home .
- Remove protective caps from both the fiber cable and the ONT's optical port.
- Align the connector carefully and insert it into the ONT's optical input until it clicks securely .
- Handle the fiber connector by its plastic housing to avoid damage or contamination

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

Email: sales@khanimamboguesthouse.co.za

Phone: +27 64 852 1973

Address: Unit 7, Greenway Business Park, 8 Innovation Drive, Centurion, 0157, South Africa

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