

Setting up a fiber optic cable on a Xiaomi Router 4



Article Overview

To connect your Xiaomi Router 4 to a fiber optic internet connection, you need an ONT (fiber modem), an Ethernet cable, and proper router configuration.

Step 1: Gather Required Equipment

- Optical Network Terminal (ONT): This device converts the fiber optic signal into an Ethernet signal your router can use. It is usually provided by your ISP .
- Xiaomi Router 4: Ensure it has a free WAN port for connecting to the ONT.
- Ethernet Cable: Preferably Cat6 or higher to maintain high-speed fiber performance .
- Fiber Optic Cable: Supplied by your ISP, typically with SC/APC or SC/UPC connectors .
- Power Adapters: For both the ONT and the router.

Step 2: Connect the Fiber Optic Cable

- Locate the fiber optic wall outlet where your ISP's fiber line enters your home.
- Connect the fiber optic cable from the wall outlet to the ONT's designated fiber port. Handle the cable carefully to avoid bending or damaging it .
- Power on the ONT and wait for the status lights to stabilize (usually 2-5 minutes) .

Step 3: Connect the Router to the ONT

- Use an Ethernet cable to connect the LAN/Ethernet port on the ONT to the WAN port on your Xiaomi Router 4

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The router may require a few minutes to set up the new connection. 7. Verify the connection: To make sure everything

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Fiber-optic cable

A fiber-optic cable, also known as an optical-fiber cable, is an assembly similar to an electrical cable but

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Fiber optic internet delivers blazing-fast speeds and reliable connectivity, making it a top choice for modern homes

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

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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