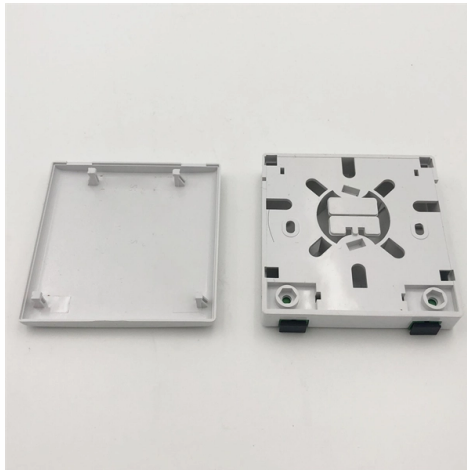


How to connect the fiber optic cable to the fiber optic box



Article Overview

To connect a fiber optic cable to a fiber optic box, carefully terminate the cable with the correct connector, insert it into the designated port on the box, and ensure it is securely locked in place.

Preparation and Safety

Before starting, gather the necessary tools: fiber optic cable, fiber optic box or ONT, connector kit, cable stripper, cleaver, and safety gear such as gloves and safety glasses . Ensure the work area is clean and dust-free, as even small particles can degrade signal quality . Never look directly into the fiber ends, as invisible laser light can cause eye damage .

Connecting the Fiber Optic Cable

- **Inspect and Clean:** Check the fiber cable for damage or kinks and clean the connector ends with specialized cleaning tools to remove dust or debris .
- **Terminate the Cable:** Use a fiber optic termination kit to attach the appropriate connector (commonly SC/APC or SC/UPC) to the cable end .
- **Insert into Fiber Box:** Locate the fiber port on the fiber optic box or ONT. Insert the terminated cable into the port until it clicks securely. Avoid bending the cable beyond its minimum bend radius .
- **Connect to Router (if applicable):** If the fiber box is an ONT, use an Ethernet cable to connect the ONT to your router's WAN port

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Contact Us

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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