

How to connect the fiber optic cable to the device



Article Overview

Connecting a fiber optic cable involves using an Optical Network Terminal (ONT) or compatible router, handling the fiber carefully, and ensuring proper alignment and testing for optimal performance.

Required Equipment

- Fiber Optic Cable: Typically single-mode or multi-mode with connectors like SC, LC, or ST, depending on your device .
- Optical Network Terminal (ONT): Converts light signals from the fiber into electrical signals for your router .
- Fiber-Ready Router: Ensure it supports fiber input via SFP, WAN, or dedicated fiber ports .
- Ethernet Cable: Connects the ONT to your router if the router does not have a direct fiber port .
- Tools and Safety Gear: Fiber stripper, cleaver, fusion splicer or mechanical splice kit, gloves, and safety glasses to protect against glass shards .

Step-by-Step Connection

- Prepare the Fiber Cable
- Wear gloves and safety glasses to avoid injury from tiny glass shards .
- Use a fiber optic stripper to remove the outer jacket and buffer coating, exposing the glass fiber .
- Ensure the fiber ends are clean and smooth using a cleaver for precise cuts

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Connecting to a Router or Modem | Fiber Cable Connection – Sivo

Connect the Cable: Gently insert the fiber cable connector into the device's fiber port. It should click into place.

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The fiber cable connecting the ONT to the demarcation point on your exterior wall has a fixed length and is routed

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Testing Fiber Optic Cable Connections Following termination, installed fiber optic segments must be methodically

Contact Us

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

Website: <https://www.chromadecksigns-eastrand.co.za>

Email: sales@chromadecksigns-eastrand.co.za

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

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