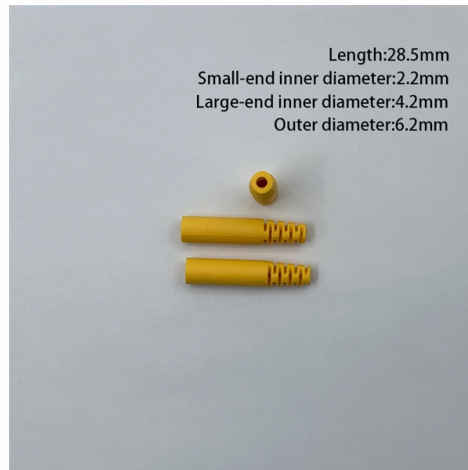


How to access the internet with only fiber optic cable



AI Overview

To connect to the internet with a fiber optic cable, you need an Optical Network Terminal (ONT) to convert light signals into data, a compatible router, and proper cabling to distribute the connection to your devices.

Required Equipment

- **Fiber Optic Cable:** Provided by your ISP, typically single-mode or multi-mode with SC/APC or SC/UPC connectors .
- **Optical Network Terminal (ONT):** Converts optical signals from the fiber into electrical signals that your router can use .
- **Router:** A fiber-ready router with a WAN or SFP port to receive the connection from the ONT .
- **Ethernet Cable:** Usually Cat6a or higher to connect the ONT to the router for optimal speeds .
- **Optional Media Converter or Fiber Network Adapter:** If connecting directly to a computer or creating a fiber-to-fiber network, a media converter or fiber network adapter may be required .

Step-by-Step Setup

- **Install the ONT:** Connect the fiber optic cable from the wall outlet to the ONT. Power it on and wait for the status lights to stabilize, indicating a proper connection .

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What You Need to Install Fiber-Optic Internet

Usually setting up fiber internet requires a professional installation, but there are some parts of the process you can

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