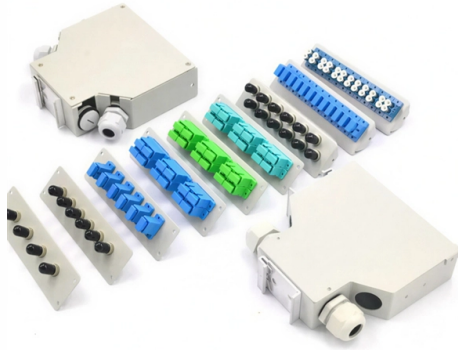


How to place a fiber optic router



Article Overview

Place your fiber optic router in a central, elevated location near the ONT to maximize speed, coverage, and reliability.

Optimal Router Placement

Central Location: Position the router in the middle of your home or office to ensure even Wi-Fi coverage across all rooms. Avoid placing it in corners or behind large furniture, as walls and obstacles can reduce signal strength . **Elevation:** Place the router on a shelf or elevated surface rather than on the floor. Higher placement reduces interference and improves signal distribution . **Proximity to ONT:** Connect the router to the Optical Network Terminal (ONT) using an Ethernet cable. The ONT converts the fiber optic signal into data your devices can use, so keeping the router close minimizes cable length and potential signal loss . **Avoid Interference:** Keep the router away from metal objects, microwaves, cordless phones, and other electronics that can interfere with Wi-Fi signals .

Connection Steps

- **Locate the Fiber Outlet:** Identify where the ISP's fiber line enters your home or office .
- **Connect to the ONT:** Plug the fiber optic cable into the ONT and power it on. Wait for the status lights to stabilize .
- **Link Router to ONT:** Use an Ethernet cable to connect the ONT's LAN port to the router's WAN port .

Article Content

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I am just wondering which option is best for my router. I have fiber optic running into my modem in my basement utility

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Most connectivity problems, slow speeds, unstable ping, dead zones, originate not from

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