

# Does fiber optic cable from a telecom company need a router

Instead of a modem, fiber connections require an Optical Network Terminal (ONT), a device that converts fiber signals into an Ethernet connection. Most fiber ISPs, including Mercury, ...

Fiber internet doesn't need a modem because it uses a fundamentally different technology from cable or DSL. Traditional internet services rely on copper cables that transmit electrical signals. ...

Fiber internet does not use a traditional cable modem. Instead, it requires an Optical Network Terminal (ONT) -- a device supplied by your fiber provider that converts the light-based ...

Understanding this distinction is vital because it clarifies why a traditional cable or DSL modem is incompatible with fiber optic connections. You cannot use your old cable modem to connect to a fiber ...

You don't need a special router, per se, but you do need one that can handle the speed fiber provides. If you're paying for gigabit fiber service, make sure your router supports at least ...

If you're managing a fiber-optic internet connection for your business, you'll work with two essential pieces of equipment: an Optical Network Terminal (ONT) and a router.

In relatively rare non-standard cases, some Fiber-optic lines might require a router that supports VLAN tagging (a.k.a IPTV). ...

The good news: Fiber-optic internet does not require a special router in most cases. Since the ONT handles the signal conversion, you can use virtually any quality router that supports ...

In relatively rare non-standard cases, some Fiber-optic lines might require a router that supports VLAN tagging (a.k.a IPTV). The majority of Wi-Fi 6 and newer routers support this.

Do I need special equipment for fiber internet installation? Yes, fiber internet requires specific equipment including an Optical Network Terminal (ONT) and a compatible router.

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While fiber internet doesn't require a modem, you still need a router to distribute the connection across your network. Your router works hand-in-hand with the ONT, taking the internet signal and spreading ...

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