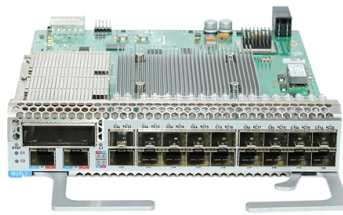


# Fiber optic interface wireless router repeater



## Article Overview

You can extend a fiber optic internet connection using a WiFi repeater or mesh system, either wirelessly or via Ethernet, to ensure fast and reliable coverage throughout your home.

### Connecting a Repeater to Fiber Optic Internet

To use a repeater with a fiber optic connection, you typically need a fiber optic modem (ONT). The repeater can then be connected via an Ethernet cable to the modem's LAN port. This setup allows the repeater to establish its own internet connection while maintaining features like firewall and parental controls if supported by the device . Many repeaters, such as the FRITZ!Repeater series, can be configured using a mobile app or manually, and factory reset may be required before initial setup .

### Choosing the Right WiFi Extender

When selecting a WiFi extender for fiber optic internet, consider:

- Speed compatibility: Ensure the extender supports speeds equal to or higher than your fiber connection to avoid bottlenecks .
- Frequency bands: Dual-band (2.4GHz and 5GHz) or WiFi 6/7 extenders provide better coverage and faster speeds .
- Coverage area: Match the extender's range to your home size; some models cove...

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