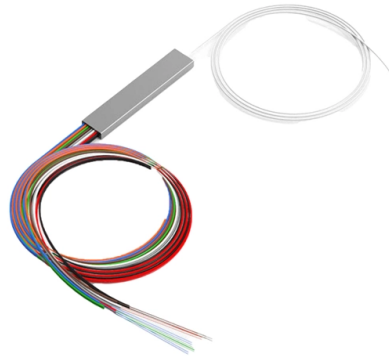


How to connect a full-optical-port switch to a router



AI Overview

To connect a full-optical-port switch to a router, use an SFP or fiber-compatible port on the router, link it with a fiber optic cable, and ensure proper ONT or media conversion if required.

Required Equipment

- Fiber-optic switch: Ensure it has SFP or full-optical ports.
- Router: Must support fiber input via SFP, WAN, or dedicated fiber port.
- Fiber optic cable: Typically single-mode with SC/APC or LC connectors.
- Optical Network Terminal (ONT): If your ISP provides fiber, this converts optical signals to electrical signals compatible with your router.
- Optional media converter: If the router lacks a direct fiber port, a media converter can bridge fiber to Ethernet.

Step-by-Step Connection

- Install the ONT (if required)
- Connect the fiber from your ISP to the ONT's input port.
- Power on the ONT and wait for status lights to stabilize (2-5 minutes) .
- Connect the Router to the ONT or Fiber Port
- If the router has a fiber/SFP port, insert the fiber optic cable directly into the router.
- If using an ONT, connect the ONT's Ethernet output to the router's WAN port using a Cat6a or higher Ethernet cable

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networking

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2. Connect the other end of the ethernet cable to the Lan 1 port on the back of the Openreach modem. 3. Turn on the main switch

Contact Us

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