

Fiber optic connection to set-top box



Overview

Turn on the TV and set-top box, and select the HDMI input option that corresponds to the port you connected the set-top box to.

Key Takeaways

To connect a fiber optic set-top box, plug the fiber cable into the ONT or router, then link the set-top box via Ethernet or direct connection to receive TV signals.

Step-by-

Step Guide1. Identify the Fiber Optic Entry Point Locate the fiber optic wall outlet where your ISP's fiber line enters your home. This is usually connected to an Optical Network Terminal (ONT), which converts the optical signal into an electrical signal suitable for your devices ().

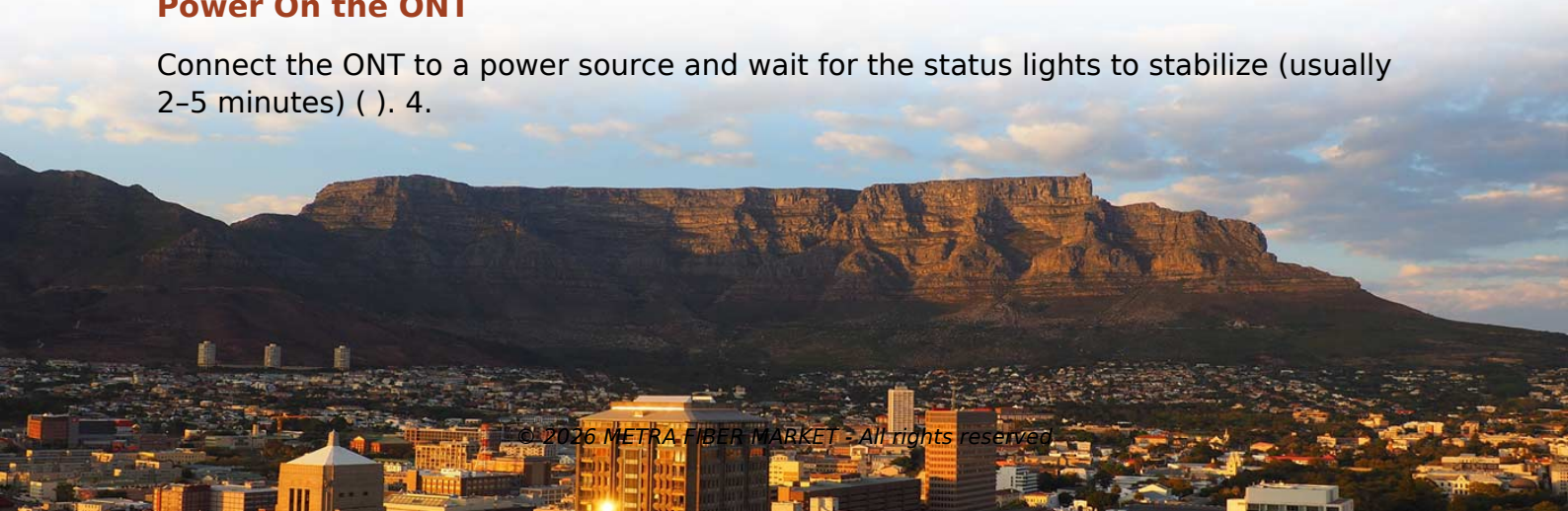
2.

Connect the Fiber Optic Cable

Plug one end of the fiber optic cable into the wall outlet or ONT. Ensure the connector type matches the port (commonly SC/APC or SC/UPC) and avoid bending the cable or touching the ends (). 3.

Power On the ONT

Connect the ONT to a power source and wait for the status lights to stabilize (usually 2-5 minutes) (). 4.



Connect the Set-Top Box

If your ISP provides a dedicated fiber optic set-top box, connect it to the ONT using an Ethernet cable. In some setups, the set-top box may connect directly to the ONT, bypassing a router. In most modern FTTH deployments, the ONT connects to a router first, which then distributes the signal to the set-top box ().

5.

Connect to Your TV

Use an HDMI cable from the set-top box to your TV to transmit video and audio. Ensure the set-top box is powered on and follow any on-screen instructions for activation ().

Router Integration (Optional) If your set-top box relies on an IP-based system, the router manages data flow. Connect the set-top box to the router via Ethernet to access streaming services and on-demand content ().

Activation

Some IS

Ps automatically activate the set-top box within 30 minutes of connection. If required, contact your provider for activation instructions or to enter any necessary account information (). By following these steps, your fiber optic set-top box will receive the digital TV signal efficiently, allowing access to live channels, on-demand content, and streaming services.

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