Welcome to HughesNet Fusion™

HUGHES Multipath Device

Innovative multipath technology uses the best connection for your current activities to minimize latency for a fast response and added reliability.



HUGHES
An EchoStar Company

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Before you begin

ENSURE YOUR EXISTING HUGHESNET WI-FI MODEM IS CONNECTED AND PLUGGED IN!

An active HughesNet® service is required prior to installing the Multipath Device.

The Multipath Device connects to your existing HughesNet Wi-Fi Modem.



Figure 1: Connected Antenna, Multipath Device, and HughesNet Wi-Fi Modem

Included in the box

The following items are included and packaged as pictured in Figure 2.

- (1) Multipath unit
- (1) Antenna with cable
- (1) Power adapter
- (1) Power cord
- (1) Ethernet cable
- (2) double-sided tapes for antenna mounting



Figure 2: Boxed device and parts

Connect and power up the new Multipath Device

CAUTION

Plug the power plug into the power outlet AFTER connecting the antenna. This is to avoid static electricity discharges that could shock you and/or damage the device.

1. Connect and hand-tighten the antenna cables (Figure 3) to the Multipath Device, taking care to match the labeled cable to the appropriate port.
   a. Antenna cable with ANT1 label connects to the top ANT1 port.
   b. Antenna cable with ANT2 label connects to the bottom ANT2 port.



Figure 3: Antenna ports

2. Connect the Multipath Device to the HughesNet Wi-Fi Modem using the provided Ethernet cable.

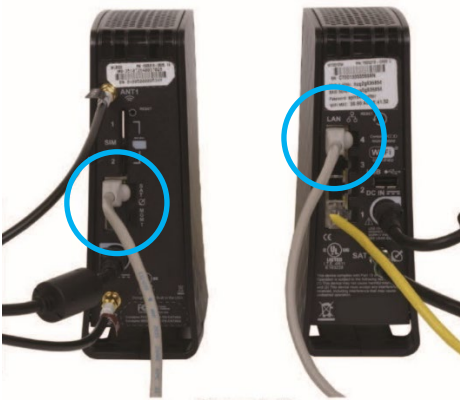


Figure 4: Ethernet cable connection

3. Place the antenna at least 1.5 feet (see Figure 5) from the following, but do not mount the antenna during this step:
   a. Large metal objects (such as shelves or cabinets), appliances, and electronics, including the HughesNet Wi-Fi Modem.

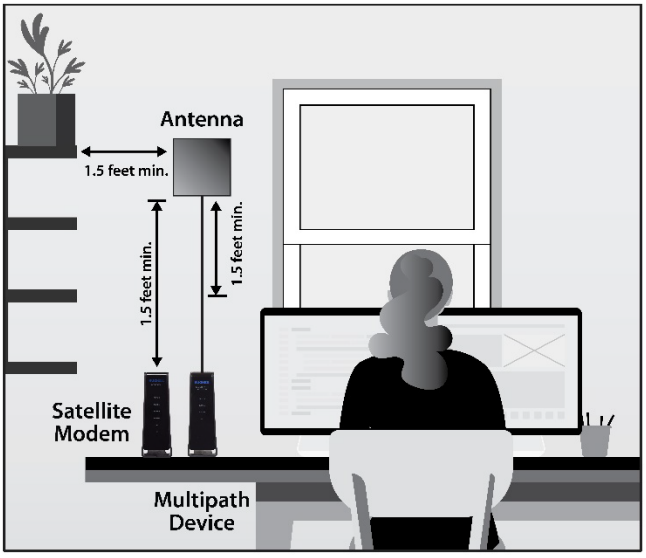


Figure 5: Antenna Placement

NOTE: Optimal signal strength is typically found near an exterior wall or window. Avoid installing in a basement, if possible. The activation step will guide you to position the antenna at a location with the best signal strength. You may want to place the Multipath Device on the floor during this process because it can tip over.

4. Connect the power adapter to the Multipath Device (Figure 6).



Figure 6: Power connection

It is very important to make sure that all connections are tight. The DC IN power adapter connector must be seated correctly with no gaps as seen above.

The Multipath Device power adapter connector uses a locking mechanism to ensure it stays snugly connected to the device. Make sure the connector is oriented correctly (see Figure 6) when plugging it into the DC IN port; **the flat side of the plug should face the closest edge as indicated on the device.**

5. Connect the power cord to the power adapter, then plug the power cord into the power outlet.

Activate service and mount antenna

1. Ensure the SYSTEM LED on the front of the Multipath Device is BLINKING and the SAT LED is SOLID.

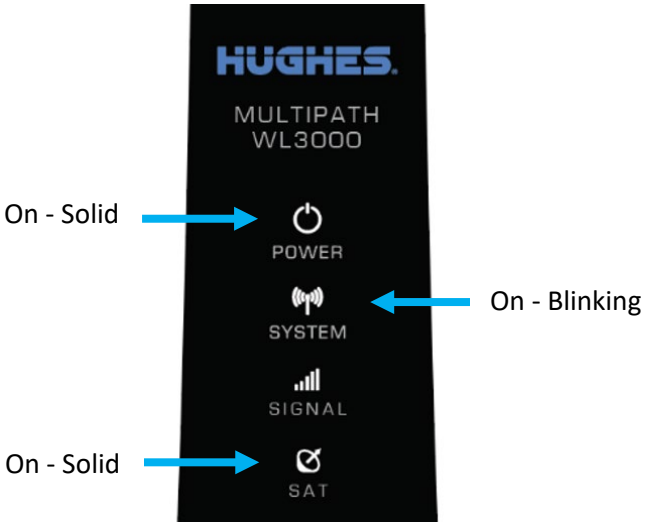


Figure 7: Current LEDs

2. Go to https://fusion.hughesnet.com and follow the on-screen instructions to start the activation and complete the installation.

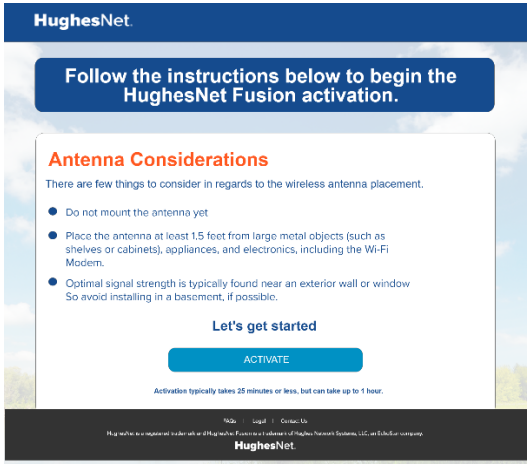


Figure 8: Activation website

3. Secure the antenna to a flat surface using one of the following methods: double-sided tape (hold for 30 sec. after application; not recommended for windows), screws, or nails.
4. Re-tighten the antenna cables as they may have loosened while adjusting the antenna.

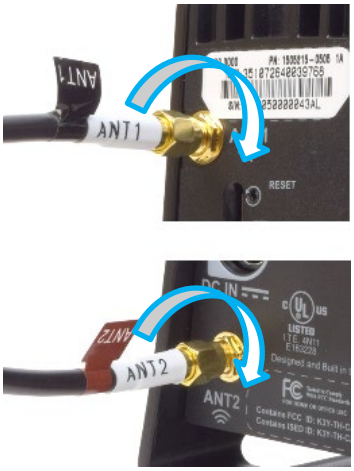


Figure 9: Tighten antenna connections

Troubleshooting

In the event of an issue, check the following:

- The power light is ON.
- The connections for the antenna, Ethernet, and power are secure.
- The HughesNet Wi-Fi Modem is ON and connected to the Internet.
- The Ethernet cable connects the HughesNet Wi-Fi Modem directly to the Multipath Device. Do not connect a switch, router, or any other networking device between the two devices.
- If using your own Ethernet cable, ensure the cable is Cat5e, CAT6, or CAT7.
- Check your browser's version and ensure you have the latest release.

Need help with the installation?

Call Hughes Customer Care toll-free at 866-347-3292

For Mulitpath Device FAQs, visit [hninfo.us/fusion.](hninfo.us/fusion)

Table 1: Multipath Device LED definitions

Multipath Device	LED	Definition
	POWER	The LED will turn on within a few seconds of power up and stays solid until power is removed.
	SYSTEM (Solid)	The system and acceleration is fully operational.
	SYSTEM (Blinking)	The system and acceleration is partially operational, and requires attention.
	SYSTEM (Off)	The system and acceleration is not ready/available.
	SIGNAL (Solid)	The wireless connection is fully connected.
	SIGNAL (Blinking)	The wireless connection is searching/connecting to the wireless service
	SIGNAL (Off)	The wireless connection is not ready/available.
	SAT (Solid)	The Multipath Device is connected to the HughesNet Wi-Fi Modem.
	SAT (Blinking)	The Multipath Device is connected to the HughesNet Wi-Fi Modem, but is checking connectivity.
	SAT (Off)	The HughesNet Wi-Fi Modem is not connected.