

CEL-FI GO G41

Quick Start Guide



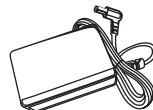
KIT#:

G41-JE-001	G41-NE-002	G41-9E-003	G41-TE-00A
G41-JE-002	G41-NE-003	G41-TE-003	G41-DE-00A
G41-JE-003	G41-9E-001	G41-DE-003	G41-LE-00A
G41-NE-001	G41-9E-002	G41-LE-003	G41-PE-003

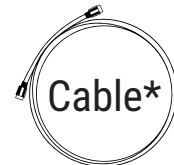
Included In the Box



Main Unit



AC Adapter



Cable*



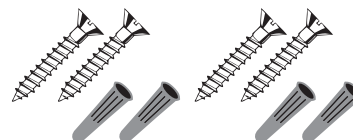
Donor Antenna*



Server Antenna*

Screws (4)

Drywall Anchors (4) 



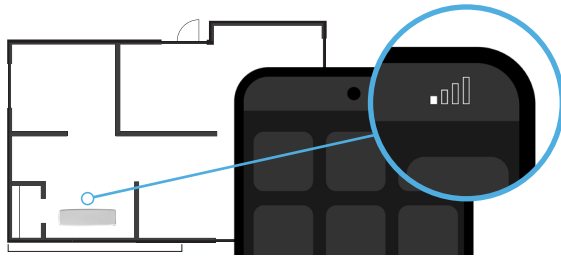
**Included with certain kits only.*

Quick Installation

IMPORTANT: Your **CEL-FI GO G41** is electronic equipment. The **CEL-FI GO G41** must be kept indoors and in a dry, cool, well ventilated area.

1

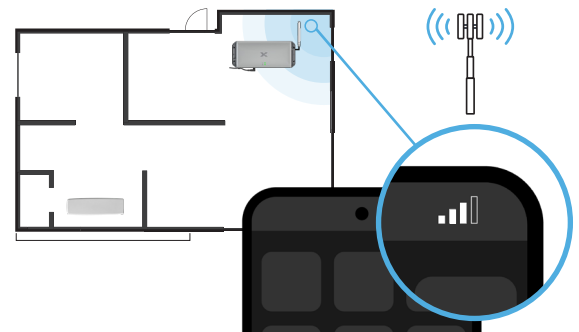
Define Coverage Problem



Use your phone to find where coverage is needed. This is where the **Server Antenna** should be installed on a wall.

2

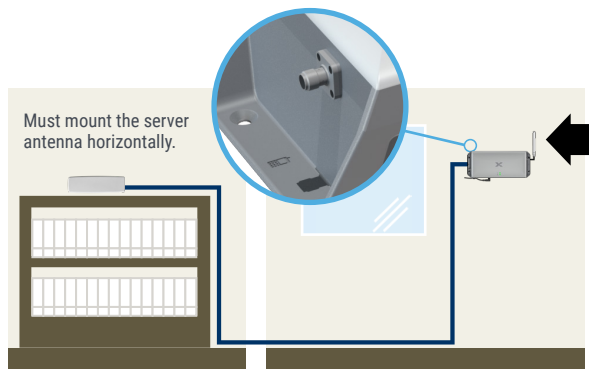
Place Main Unit



Place the **main unit** as far away from the **server antenna** as the cable will allow, close to a window where there is coverage.

3

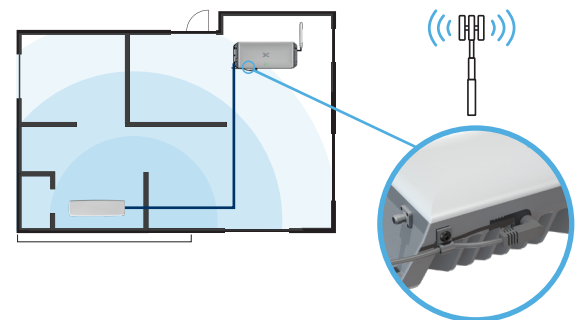
Attach Server and Donor Antennas



Attach the cable from the **Donor Antenna** to the Donor Port on **Main Unit**.

4

Plug In CEL-FI GO G41



Plug in the **Main Unit** to power with the included AC adapter. The LED on the front will blink during set up and turn green when the device is ready. After powering on the device, connect the Power **Cable Clamp**.

5

Configure with the WAVE App

Download the **WAVE App** to monitor your system status. Connect the **Main Unit** using category cable to your ISP modem LAN port or external LTE modem to manage via web interface **WAVE Portal**.



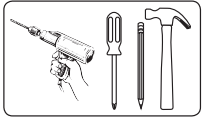
WAVE app smart phone connects to the CEL-FI GO G41 via **Bluetooth LE**:

Frequency: 2402-2480 MHz
Power: 0 dBm



Mounting Instructions *(Optional)*

REQUIRED HARDWARE

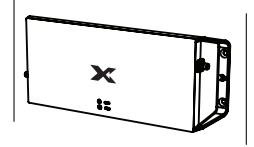


NOTE: This package comes equipped with **Mounting Screws** and **Drywall Anchors** for mounting to standard drywall. Before installing, ensure there are no wires, other objects, or metal plates behind the drywall that may interfere with the inserts, screws, or mounted units.

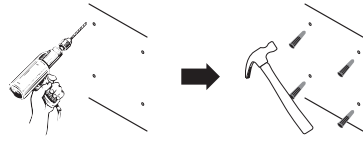
- 1** Determine Cel-Fi GO G41 location.
(Refer to Installation section).
Determine mounting hole locations.



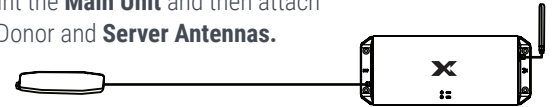
- 2** Mark the four mounting hole locations with a pencil based on where you'll position the **Main Unit**.



- 3** In each marked spot, use a 3/16" drill bit to drill guide holes for the **Drywall Anchors**, and then install the anchors.



- 4** Mount the **Main Unit** and then attach the Donor and **Server Antennas**.



Antenna Options



Review the latest authorized antennas at:
www.nextivityinc.com/antennas

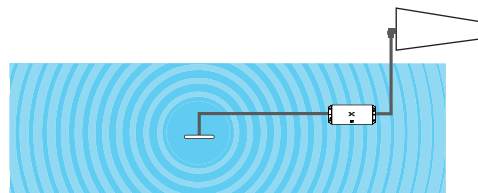
Advanced Install

For best results, separate the Donor and Server Antenna(s) as much as possible. Antenna separation (isolation) can be achieved with either physical distance or walls and floors between the antennas.

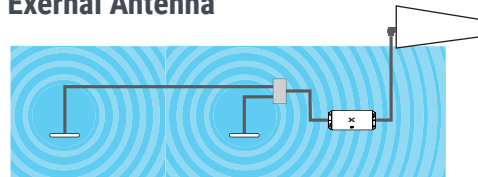
Make sure any cables, splitters, and antennas used in the system are properly matched. (CEL-FI GO G41 is rated for 50 Ω)

Recommended:

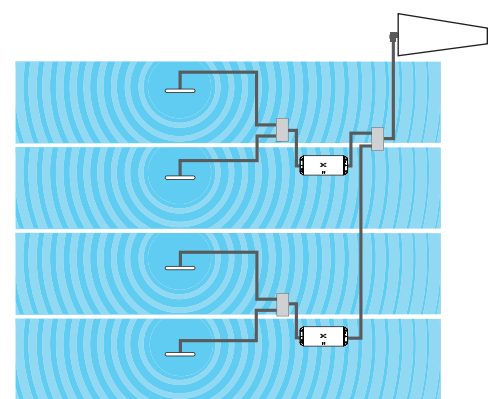
- > 20 dB port-to-port isolation for any splitter
- Downlink power should be:**
- > 0 dBm to use a two-way splitter
 - > 3 dBm to use a four-way splitter



External Antenna



Splitting Server Antenna



Multi-Story

band	link	Output Power	EIRP*
1	Downlink	20 (dbm)	25.1 (dbm)
	Uplink	22 (dbm)	27.1 (dbm)
3	Downlink	20 (dbm)	25.1 (dbm)
	Uplink	22 (dbm)	27.1 (dbm)
5	Downlink	20 (dbm)	25.4 (dbm)
	Uplink	20 (dbm)	25.4 (dbm)
7	Downlink	20 (dbm)	25.4 (dbm)
	Uplink	22 (dbm)	27.4 (dbm)
8	Downlink	20 (dbm)	25.1 (dbm)
	Uplink	20 (dbm)	25.1 (dbm)
20	Downlink	20 (dbm)	25.1 (dbm)
	Uplink	20 (dbm)	25.1 (dbm)
28L	Downlink	20 (dbm)	25.1 (dbm)
	Uplink	20 (dbm)	25.1 (dbm)
28U	Downlink	20 (dbm)	25.1 (dbm)
	Uplink	20 (dbm)	25.1 (dbm)
40	Downlink	20 (dbm)	25.4 (dbm)
	Uplink	22 (dbm)	25.4 (dbm)
41	Downlink	20 (dbm)	25.4 (dbm)
	Uplink	22 (dbm)	25.4 (dbm)
Model Number		Bands Supported	
G41-JE		1, 3, 5, 7, 8, 28L, 40	
G41-9E		1, 3, 7, 8, 20	
G41-NE		1, 3, 5, 7, 28U, 40	
G41-PE		1, 3, 5, 7, 8, 28L, 41	
G41-TE		1, 3, 41	
G41-DE		1, 3, 28L	
G41-LE		1, 3	

**Tested with donor antenna (A21-ML3-601) & server antenna (A41-NL3-101)*