CEL-FI SOLO 5G/4G/3G

Smart Signal Booster®

CEL-FI by NEXTIVITY

Performance Leadership | Ease of Install | Leaders in Value | Fast Set Up | Carrier Grade Approved

Smart Cellular Coverage Solution for Small-to-Mid-Sized Indoor Environments

Designed to solve cellular coverage issues for a wide range of indoor environments, the Cel-Fi SOLO Smart Signal Booster is a carrier-grade solution that offers best-in-class 5G/4G/3G voice and data wireless performance. In addition to leveraging Nextivity's award-winning IntelliBoost® chipset to deliver unmatched signal gain across 3,000 m² (1,500 m² in U.K.) per system, SOLO can be expanded with additional server antennas to support larger coverage areas. The system is also easy to install, guaranteed to be unconditionally network safe, and does not interfere with other wireless devices.

Industry-Leading Signal Gain

Featuring Nextivity's award-winning IntelliBoost® technology, which is engineered to deliver unmatched cellular performance, SOLO provides up to 100 dB signal gain (depending on the region).

Network Safe

Like all Cel-Fi systems, SOLO employs self-organizing edge intelligence to constantly monitor power levels and donor-to-server antenna RF feedback and provide active echo cancellation. This automatically ensures maximum coverage power without interference to operator networks or other local radio systems such as Wi-Fi, inventory control, or Public Safety systems.

Built-in LTE Modem Option

The Cel-Fi SOLO is also available in an LTE modem variation. With its built-in LTE modem, the unit wirelessly connects to the Cel-Fi WAVE Portal, which is a web-based platform that is accessible from any computer or mobile device. There, users can view real-time system performance data, adjust alarm policies and notification settings, as well as perform system software updates.

CEL-FI SOLO

CEL-FI SOLO WITH LTE MODEM

Maximum Gain:
Industry-Leading Signal Gain up to 100 dB for 5G/4G/3G Voice and Data

Best Performance:
Smart Signal Booster with IntelliBoost® Chipset Smart Technology

Cellular Coverage:
Up to 3,000 m² (1,500 m² in U.K.) per Unit for Buildings, Residential, Remote, and IoT

Ease of Set Up:
Quick 15-Minute Install or Advanced Install with Additional Antennas

Cel-Fi WAVE:
Mobile Device Application for System Set Up and Changing Carriers

Network Safe:
Carrier Approved with No Noise Guarantee

Flexibility at Your Fingertips

Antenna Positioning

To optimize your antenna using real-time data and achieve best possible performance, Nextivity's proprietary 8-position dial base in WAVE's Antenna Position Test allows you to compare signal strength when rotating the antenna in 45-degree increments.

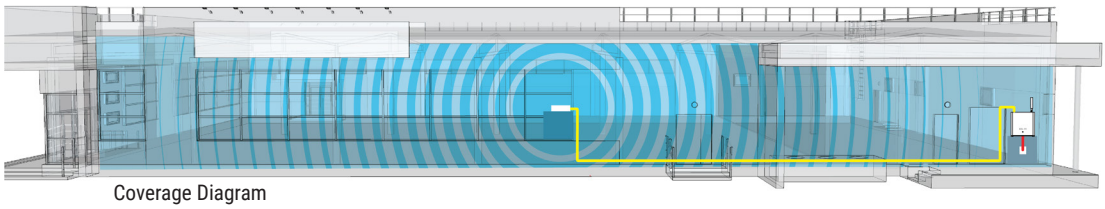
Pair the Cel-Fi SOLO with Cel-Fi Antennas to Create the Ideal Solution that Optimizes Performance and Streamlines Installation

Cel-Fi SOLO bundles are perfect for:

- Large homes
- IoT and M2M (machine to machine)
- Government buildings
- Small manufacturing operations
- Single and multi-level commercial properties
- Remote or rural locations

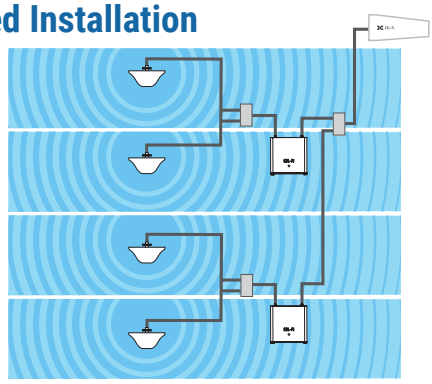
Combined with either Cel-Fi Omni Dome Antenna(s) for ceiling mounting or Cel-Fi Wideband Panel Antenna(s) for wall mounting, the Cel-Fi SOLO and Cel-Fi Wideband Directional Antenna is the perfect in-building, remote, and IoT solution. Additional server antennas are available for venues with more floors or dense interior walls. For areas that suffer from extremely poor outdoor signal, the high gain LPDA-R Antenna is available.

Quick Installation

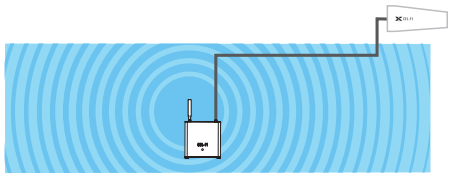


Coverage Diagram

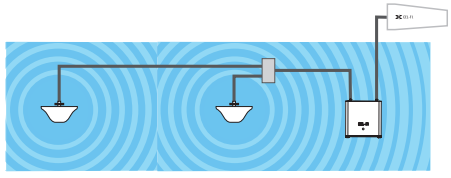
Advanced Installation



4 Omni Antennas



1 Omni Antenna



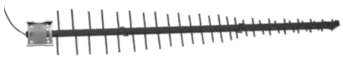
2 Omni Antennas

Optional Antennas for Advanced Installations

Cel-Fi Wideband Panel Antenna
A11-V43-100

Cel-Fi Wideband Directional Antenna
A32-V32-100

Cel-Fi Indoor Omni Antenna
A52-V32-100



Cel-Fi LPDA-R Antenna
A62-V44-200

5-STEP SET UP

Step 1:
Define Coverage Problem
Determine where coverage is needed. This is where the server patch antenna should be placed.

Step 2:
Placement
Place the main unit in an area with coverage, close to a window, and as far away from the server patch antenna as the cable will allow.

Step 3:
Attach Server & Donor Antennas
Attach the whip antenna (donor) and the patch antenna (server), or use antennas of your choosing. Keep the donor and server antennas separated/isolated from each other for best performance.

Step 4:
Plug in Cel-Fi SOLO
Plug in the Cel-Fi SOLO power adapter. The LED on the front of the unit will blink during set up.

Step 5:
Use Cel-Fi WAVE app

Cel-Fi WAVE can be used to optimize Cel-Fi SOLO's performance. The app allows users to quickly access system performance data and perform antenna positioning tests to determine the ideal antenna placement.

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