



Smart Signal Booster

CEL-FI PRIME

Cel-Fi PRIME for Flats, Small Homes and Storefronts. Designed to improve indoor mobile coverage in smaller spaces.

Cel-Fi PRIME is the ideal solution to improve mobile signal coverage in smaller spaces of 1,200 ft² / 110m². The Cel-Fi PRIME offers a plug-and-play mobile signal solution and provides 80dB gain for 3G and 4G simultaneously. Cel-Fi PRIME will reduce the mobile device's power requirements and extend its battery life. It offers plug-and-play mobile signal coverage, eliminating dead zones and dropped calls to provide clear and reliable connections.

Cel-Fi products are mobile network approved and fully meet the regulatory requirements in the UK and Ireland. The Cel-Fi commitment is to protect the

operator's network, deliver the best in-building mobile performance, and be the easiest solution to install.

- Licence-exempt and fully comply with Ofcom's UK Interface requirement 2102 (IR2102) (UK) and ComReg S.I.No.283 of 2018 (Ireland)
- 5-minute plug-and-play set-up. No installation required.
- 80 dB max signal gain covering an area 1,200 ft² / 110 m² per unit
- Carrier approved, boosts 3G and 4G simultaneously
- Eliminates dead zones and dropped calls
- Available for EE, Three, and all hosted Mobile Virtual Network Operators
- Can easily switch between mobile networks via the Cel-Fi WAVE app
- Remote monitoring and management with the Cel-Fi WAVE app

Features

Cel-Fi WAVE Portal

- A dashboard overview of all your systems
- Data and performance metrics sent by the Wave App to the Wave Portal
- Software update management
- Users and group management

Network Safe

Self-organising edge intelligence ensures that Cel-Fi PRIME do not interfere with other indoor wireless products such as Wi-Fi routers, Small Cells, and Distributed Antenna Systems (DAS).

High speed Automatic Gain Control ensures that Cel-Fi PRIME are unconditionally network safe, and enables more simultaneous calls and higher data speeds.



CEL-FI PRIME

IntelliBoost™ Chipset

The Nextivity IntelliBoost™ baseband processor is the first six-core processor designed specifically to optimise the indoor transmission and reception of 3G and 4G wireless signals.

With advanced filtering, equalisation and echo-cancellation techniques, Nextivity has developed an architecture which delivers unprecedented in-building data rates and pervasive 3G and 4G connectivity. The IntelliBoost™ processor ensures that Cel-Fi products never negatively impact the mobile network while providing maximum coverage.

Power

12 VDC via integrated power supply (included)
External supply: 100 to 240 VAC, 47-63Hz
Power consumption less than 15W

Environmental

Operating temperature: 0° to 40°
Storage temperature: -25° to 60°
Relative humidity: 0% to 95%, noncondensing
RoHS II 2011/65/EU
WEEE (2002/96/EC)
ErP 2009/125/EC

Installation

Plug and play
Mounting equipment included
No external antenna mounting and cabling required

Configurations

(All systems are reconfigured to specific carriers)

Band 1 or 1/3

Physical Specifications

32.5 x 82 x 505mm (420g)

DC Power Plug and Jack

Power Supply:
73 x 117 x 45mm (130g)

Compliance

Licence-exempt and fully comply with Ofcom's UK Interface requirement 2102 (IR2102) (UK) and ComReg S.I.No.283 of 2018 (Ireland)

System Management

(software)

Via Cel-Fi WAVE cloud portal
Cel-Fi WAVE portal capability:
* Status (list and map) * Settings
* Commissioning * Reporting
* Diagnostics * Alarms & Notifications

