



# CEL-FI GO Smart Signal Repeater

Your solution to improve 3G/4G voice and data coverage

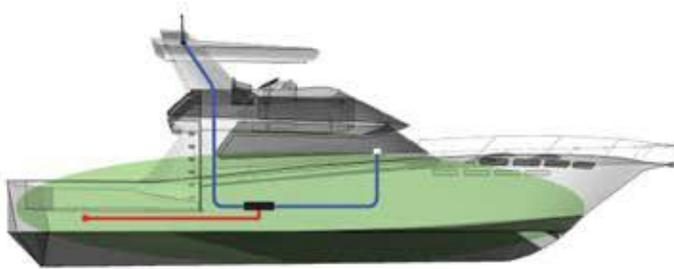
## IMPROVE YOUR MOBILE COVERAGE

Good things do come in small packages.

Nextivity's Cel-Fi GO is a cabled 3G/4G mobile signal amplifier that provides up to 100 dB of signal gain - 30x more powerful than antenna options. All the while unconditionally protecting the mobile network.



## THE BENEFITS OF CEL-FI GO



### Provides Coverage For Custom Applications

Cel-Fi GO Stationary version is more flexible for advanced installations. It is ideal for high 5Ghz areas and those venues where you need a cabled solution to ensure great 3G/4G mobile reception. No longer will you need to move to a particular spot to be able to make and receive phone calls. Your Cel-Fi GO Stationary version can be configured to improve the mobile coverage for many types of applications from dongas to caravans, small marine vessels to school demountables.

### Increases Mobile Data Speeds

Slow internet speeds on your mobile phone are often caused by low signal. If you suffer from low signal, you will be able to relate to the frustration of trying to access email or the internet. Cel-Fi GO will amplify the available LTE/HSPA mobile signal and increase your data speeds dramatically. Email, internet, video and social networking speeds can achieve up to 4x improvement. Note: The 4G/LTE bands can only be utilised for data (not calls) unless both the smart phone and the local network support Voice Over LTE (VOLTE).



### Extends Mobile Phone Battery Life

Mobile phones use a lot more energy when in poor signal areas. The phone adjusts its power output to compensate in an attempt to boost the poor signal. As a result the phone will consume a lot more battery power. Using Cel-Fi GO, your indoor mobile signal should be high and the battery will last noticeably longer for you to work and talk.



### Eliminates Dropped or Missed Calls

Never miss or lose an important call because of coverage issues again. Cel-Fi GO will provide continuous coverage so you can be contacted when required. No longer do you have to put up with calls dropping out or terminating during conversation.



### Improves Voice Quality

The quality of a voice call is usually determined by the phone's signal strength and nearby interference. With improved signal strength inside your building, the Cel-Fi GO stationary version will provide crystal clear voice quality for your cell phones.

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## CEL-FI GO FEATURES

- ➔ A solution approved by Telstra and meeting ACMA regulations.
- ➔ Amplifies and disburse a Telstra 3G /HSPA/4G (LTE) mobile signal, boosting one frequency band at a time.
- ➔ Provides manual selection of 3G/4G or utilise the auto band selection.
- ➔ Once installed, Cel-Fi GO has Automatic Gain Control (AGC) continuously monitoring system path loss to deliver maximum gain up to 100 dB.
- ➔ Provides a mobile coverage area of 900m2.
- ➔ Rigid cast-aluminium casing with IP54 rating, suitable for adverse environments.
- ➔ Network-Safe protection that monitors mobile base stations in real time to ensure no interference with the normal function of the mobile network.
- ➔ Uplink Muting Mode automatically shuts down uplink cellular transmissions when no active user equipment is detected.
- ➔ Cel-Fi GO supports Bluetooth Connectivity or Micro USB connection to Nextivity's Smartphone or PC WAVE App.
- ➔ Intuitive WAVE App allows quick and easy installation by a trained technician.

### NOTES

Cel-Fi GO will provide coverage for 20+ active users depending on the mobile network capacity in your area.

The 4G/LTE bands can only be utilised for data if both the smart phone and the local network support VoLTE. You will need to check your smart phone to confirm it has VoLTE functionality.



### BASE BUILDING PACK



## SPECIFICATIONS

### MODEL

Cel-Fi GO for Telstra - Stationary Version

### CELLULAR BANDS

3G 850 & 4G 700/1800 MHz  
(one frequency band at a time)

### SYSTEM GAIN

Up to 100 dB

### DIMENSIONS

Size: 28MM (H) 87MM (W) 255MM (L)  
Weight: 600g

### ENVIRONMENT

Operating temperature: 0° to 65°C  
Storage temperature: -25° to 65°C  
Relative humidity: 0 to 95%, noncondensing

### POWER

12 VDC via external supply  
External supply: 100 to 240 VAC, 47 – 63Hz.  
Power consumption less than 15W per unit

### ANTENNA REQUIREMENTS

SMA Female Outdoor Antenna Connector (50 Ω)  
SMA Female Indoor Antenna Connector (50 Ω)

### WARRANTY

Cel-Fi GO is covered by a 24 month warranty.

### INSTALLATION

Your Cel-Fi GO is approved by Telstra if installed correctly. Only qualified resellers who have undertaken product training should perform installation of the Cel-Fi GO.

Misuse of this equipment could result in injury and equipment damage.

Cel-Fi is the choice of professionals to improve in-building mobile coverage.