



# When Communication is Life or Death

## CEL-FI GO RED

*FirstNet Booster*

Smart  
Cellular  
Solution

The Cel-Fi GO RED FirstNet Booster delivers cellular coverage in buildings for emergency communications from police, fire, and medical personnel. Cel-Fi GO RED with the Cel-Fi Antennas is the best way to ensure coverage in an emergency situation. Communication is not optional in critical times, rely on equipment that ensures the best coverage.

- **Boost FirstNet Bands 12 and 14**
- **Up to 100dB Max Gain**
- **4G / LTE Voice and Data**
- **Up to 15,000 Sq. Ft. Coverage**
- **Indoor / Outdoor NEMA 4 Rated**
- **Network Safe**



G32-12/14  
G32-3/20



# Specifications

**Rated Output Power:** Uplink: 24dBm  
Downlink: 16dBm

| Band 12                 |         |         |
|-------------------------|---------|---------|
| Downlink (DL) Frequency | 729 MHz | 746 MHz |
| Uplink (UL) Frequency   | 699 MHz | 716 MHz |
| Band 14                 |         |         |
| Downlink (DL) Frequency | 758 MHz | 768 MHz |
| Uplink (UL) Frequency   | 788 MHz | 798 MHz |

**Power** 9.6 – 16.5V  
2A current draw  
16W nominal power consumption

**Environmental** Operating temperature: 0° to 65°C  
Convection Cooling  
Relative humidity: 0% to 95%, noncondensing  
RoHS 2 (European and China compliant)  
WEEE  
NEMA 4  
Surface Temp at any point (30° ambient): 53°C

**Installation** Mounting hardware included

**Antenna Ports** 699 - 798 Mhz  
(Donor and Server)  
Impedance: 50 Ohm

| GO RED              |  |
|---------------------|--|
| 96.5x43.25x272.5 mm |  |
| 850 g               |  |

**DC Power Plug and Jack** NEMA 4 rated power plugs and jack

**Compliance** 3GPP TS 25.143 Rel.10  
(check individual product version for specific) 3GPP TS 36.143 Rel.10  
FCC Part 15, 90  
Bluetooth BQB  
CE

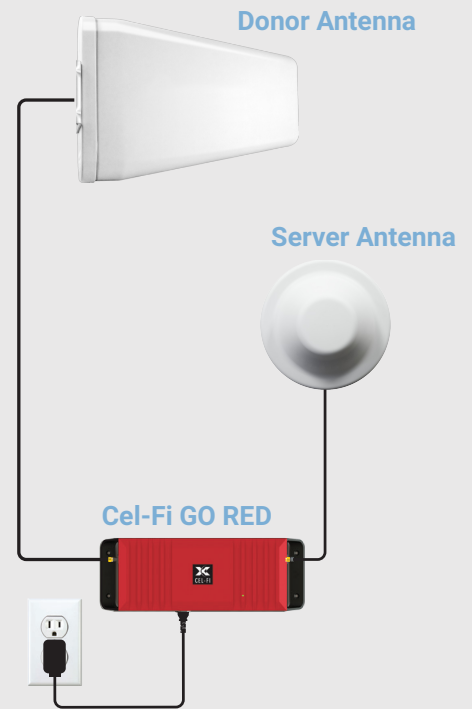
**System Management** Supports Cel-Fi WAVE cloud portal  
(software) Cel-Fi WAVE Portal capability:

- Status (list and map)
- Commissioning
- Diagnostics
- Software Updates
- Settings
- Reporting
- Alarms & Notifications

| Model:      | Band | Name     | Downlink |     | Uplink |     |
|-------------|------|----------|----------|-----|--------|-----|
| (G32-12/14) | 12   | 700 a    | 729      | 746 | 699    | 716 |
|             | 14   | FirstNet | 758      | 768 | 788    | 798 |

| Model:     | Band | Name   | Downlink |      | Uplink |      |
|------------|------|--------|----------|------|--------|------|
| (G32-3/20) | 3    | 1800+  | 1805     | 1880 | 1710   | 1785 |
|            | 20   | 800 DD | 791      | 821  | 832    | 862  |

# How It Works



## Cel-Fi GO RED Configurations:

Number of Cel-Fi GO RED FirstNet Boosters and coordinating antennas are based on the size of building, building materials, and wall configurations.

**Powerful Signal**  
Stronger Signal Solutions

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