When Communication is Life or Death

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
Specifications

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

**Frequency:**

<table>
<thead>
<tr>
<th>Band</th>
<th>Downlink (DL) Frequency</th>
<th>Uplink (UL) Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>729 MHz</td>
<td>746 MHz</td>
</tr>
<tr>
<td></td>
<td>699 MHz</td>
<td>716 MHz</td>
</tr>
</tbody>
</table>

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<tr>
<th>Band</th>
<th>Downlink (DL) Frequency</th>
<th>Uplink (UL) Frequency</th>
</tr>
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<tbody>
<tr>
<td>14</td>
<td>758 MHz</td>
<td>768 MHz</td>
</tr>
<tr>
<td></td>
<td>788 MHz</td>
<td>798 MHz</td>
</tr>
</tbody>
</table>

**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
- Impedance: 50 Ohm

**Physical Specifications**
- 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
- 3GPP TS 36.143 Rel.10
- FCC Part 15, 90
- Bluetooth BQB
- CE

**System Management**
- Software:
  - Supports Cel-Fi WAVE cloud portal
  - Cel-Fi WAVE Portal capability:
    - Status (list and map)
    - Commissioning
    - Diagnostics
    - Software Updates
    - Settings
    - Reporting
    - Alarms & Notifications

**Model:**

<table>
<thead>
<tr>
<th>Band</th>
<th>Name</th>
<th>Downlink</th>
<th>Uplink</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>700 a</td>
<td>720</td>
<td>746</td>
</tr>
<tr>
<td>14</td>
<td>FirstNet</td>
<td>758</td>
<td>788</td>
</tr>
</tbody>
</table>

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<th>Band</th>
<th>Name</th>
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<th>Uplink</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>1800+</td>
<td>1805</td>
<td>1880</td>
</tr>
<tr>
<td>20</td>
<td>800 DD</td>
<td>791</td>
<td>821</td>
</tr>
</tbody>
</table>

**System Management**
- Supports Cel-Fi WAVE cloud portal

**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.