



# Cel-Fi GO X Bundles

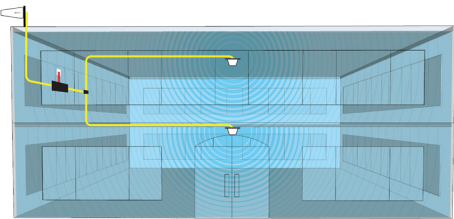


**The Cel-Fi GO X bundles provide the best antennas to optimize performance and streamline installation.**

**Cel-Fi GO X bundles are perfect for:**

- government buildings
- agricultural settings
- parking garages
- IoT and M-to-M applications
- small manufacturing operations
- businesses in single / multi-level commercial properties
- remote or rural locations
- and large homes.






Cel-Fi GO X bundles, with four different configurations, can be installed indoors or outdoors for 100 dB signal gain in areas up to 15,000 sq. ft. per system. The bundles include either Cel-Fi Omni Dome Antenna(s) for ceiling mount or Cel-Fi Wideband Panel Antenna(s) for wall mount, and include the Cel-Fi Wideband Directional Antenna. Additional server antennas are available for venues with more floors or dense interior walls. For areas that suffer from extremely poor outdoor signal, the new high gain Cel-Fi LPDA Antenna is available.



Cel-Fi GO X with 2 Cel-Fi Dome Antennas Coverage Diagram

*“Cel-Fi GO is a game-changing solution for our distributors and resellers –thanks to its industry leading gain, flexibility between mobile or stationary use, and indoor/outdoor installation.”*

*–Werner Sievers, CEO of Nextivity*

|   | CEILING MOUNT OPTIONS   |   | WALL MOUNT OPTIONS   |   |
|---|---|---|--|---|
|  |  |  |  |  |
|   | Cel-Fi GO X with 1 Cel-Fi Dome Antenna  | Cel-Fi GO X with 2 Cel-Fi Dome Antennas   | Cel-Fi GO X with 1 Cel-Fi Panel Antenna  | Cel-Fi GO X with 2 Cel-Fi Panel Antennas  |
| <b>Donor Antenna</b>  | Cel-Fi Wideband Directional Antenna   | Cel-Fi Wideband Directional Antenna   | Cel-Fi Wideband Directional Antenna  | Cel-Fi Wideband Directional Antenna   |
| <b>Alternate Donor Antenna Option</b>   | Cel-Fi LPDA Antenna   | Cel-Fi LPDA Antenna   | Cel-Fi LPDA Antenna  | Cel-Fi LPDA Antenna   |
| <b>Server Antenna(s)</b>  | 1 Cel-Fi Dome Antenna   | 2 Cel-Fi Dome Antennas  | 1 Cel-Fi Wideband Panel Antenna  | 2 Cel-Fi Wideband Panel Antennas  |
| <b>Coverage Area</b>  | Up to 10,000 sq. ft.  | Up to 15,000 sq. ft.  | Up to 10,000 sq. ft.   | Up to 15,000 sq. ft.  |
| <b>Amplifier Gain</b>   | 100 dB  | 100 dB  | 100 dB   | 100 dB  |
| <b>Max Downlink Power</b>   | 16 dB (10 dBm per 5 MHz)  | 16 dB (10 dBm per 5 MHz)  | 16 dB (10 dBm per 5 MHz)   | 16 dB (10 dBm per 5 MHz)  |
| <b>Single Level</b>   | X   | X   | X  | X   |
| <b>Multi Level</b>  |   | X   |  | X   |

# Specifications

**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

**Radio Performance** The GO system can boost up to two (2) bands concurrently. Either profile can be selected:  
 A) One (1) high band boost and one (1) low band boost or  
 B) Two (2) high bands boost

**Antenna Ports** 699 – 2180 Mhz  
 (Donor and Server) Impedance: 50 Ohm  
 Return Loss: 8dB  
 Output Protection

## Physical Specifications

| GO M/X             | GO          |
|--------------------|-------------|
| 96.5x43.25x272.5mm | 87x28x255mm |
| 850 g              | 600 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 regional compliance) 3GPP TS 36.143 Rel.10  
 FCC Part 15, 20, 22, 24, 27  
 IC (Industrie Canada)  
 Bluetooth BQB  
 CE

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

**Model:**  
 (G32-2/4/5/12/13M)  
 (G32-2/4/5/12/13X)

| Band | Name     | Downlink |      | Uplink |      |
|------|----------|----------|------|--------|------|
| 2    | 1900 PCS | 1930     | 1990 | 1850   | 1910 |
| 4    | AWS-1    | 2110     | 2155 | 1710   | 1755 |
| 5    | 850      | 869      | 894  | 824    | 849  |
| 12   | 700 a    | 729      | 746  | 699    | 716  |
| 13   | 700 c    | 746      | 756  | 777    | 787  |

**Model:**  
 (G32-1/3/5/7/8/20M)  
 (G32-1/3/5/7/8/20X)

| Band | Name   | Downlink |      | Uplink |      |
|------|--------|----------|------|--------|------|
| 1    | 2100   | 2110     | 2170 | 1920   | 1980 |
| 3    | 1800+  | 1805     | 1880 | 1710   | 1785 |
| 5    | 850    | 869      | 894  | 824    | 849  |
| 7    | 2600   | 2620     | 2690 | 2500   | 2570 |
| 8    | 900    | 925      | 960  | 880    | 915  |
| 20   | 800 DD | 791      | 821  | 832    | 862  |

# Antenna Options



**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 Antenna**  
 A62-V44-100