The 4G LTE No Ground Plane Omni-Directional Antenna provides superior pattern coverage for mobile and fixed applications operating in 4G LTE frequencies without the need for a ground plane.

Its design provides industry leading wideband performance and reliability, with minimum loss and no tuning required. This antenna is environmentally tested for both indoor or outdoor applications.

**Key Features**
- Rugged, UV-resistant, low-profile housing for outdoor applications
- Superior 4G LTE coverage with or without a ground plane
- Industry leading wideband performance provides outstanding coverage across multiple frequency bands with no tuning required
- N female termination

**Benefits**
- Seriously Smart
- Scalable
- Very Economical
- Highly Efficient
- Compatible
- Robust
- Exclusive to User
- Future Defensive
- Environmentally Sound
### Electrical Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range</td>
<td>690-960 MHz / 1710-2700 MHz</td>
</tr>
<tr>
<td>Gain</td>
<td>2dBi</td>
</tr>
<tr>
<td>Maximum Power</td>
<td>25 watts</td>
</tr>
<tr>
<td>Polarization</td>
<td>Vertical</td>
</tr>
<tr>
<td>Nominal Impedance</td>
<td>50 ohms</td>
</tr>
</tbody>
</table>

### Mechanical Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
</table>
| Antenna Dimensions (OD x H) | 0.94 x 9 inches  
(2.38 x 22.86 cm) |
| Weight (Mass)          | 0.30 lbs (0.14 kg)     |
| Temperature Range      | -40°F to +185°F (-40°C to +85°C) |

### Mounting Method

Integrated N Female bulkhead termination.

### Product Orders

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT-690-2K7-002-OS1N</td>
<td>4G LTE No Ground Plane Omni-Directional Antenna</td>
</tr>
</tbody>
</table>

*Important: Specifications are subject to change without prior notice*
700MHz 4G LTE NO GROUND PLANE OMNI-DIRECTIONAL ANTENNA RADIATION PATTERNS

740 MHz Azimuth Pattern

740 MHz Elevation Pattern

920 MHz Azimuth Pattern

920 MHz Elevation Pattern
4G LTE NO GROUND PLANE OMNI-DIRECTIONAL ANTENNA RADIATION PATTERNS

1800 MHz Azimuth Pattern

1800 MHz Elevation Pattern

2500 MHz Azimuth Pattern

2500 MHz Elevation Pattern