

4G LTE NO GROUND PLANE OMNI-DIRECTIONAL ANTENNA - 2dBi

700MHz Antenna Spec Sheet



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

700MHz 4G LTE NO GROUND PLANE OMNI-DIRECTIONAL ANTENNA SPECIFICATIONS

Electrical Specifications

Frequency Range	690-960 MHz / 1710-2700 MHz
Gain	2dBi
Maximum Power	25 watts
Polarization	Vertical
Nominal Impedance	50 ohms

Mechanical Specifications

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)

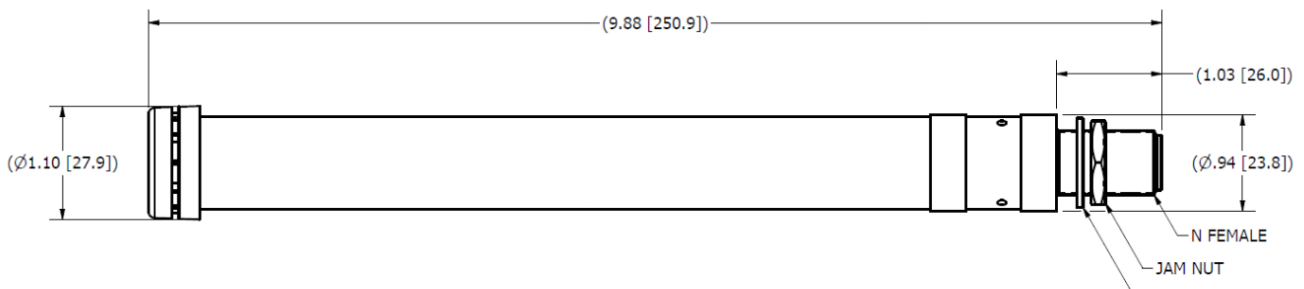
Mounting Method

Integrated N Female bulkhead termination.

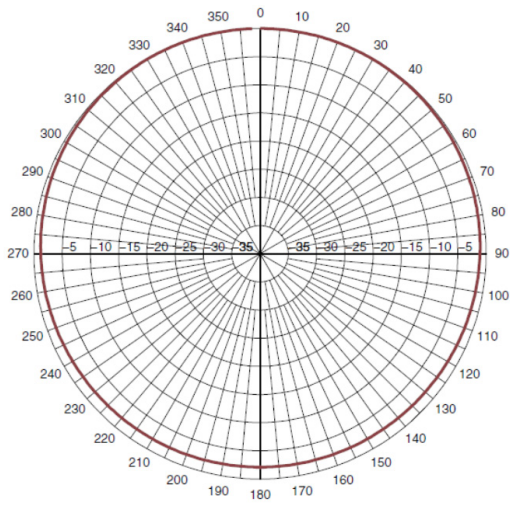
Product Orders

Product Code	Description
ANT-690-2K7-002-OS1N	4G LTE No Ground Plane Omni-Directional Antenna

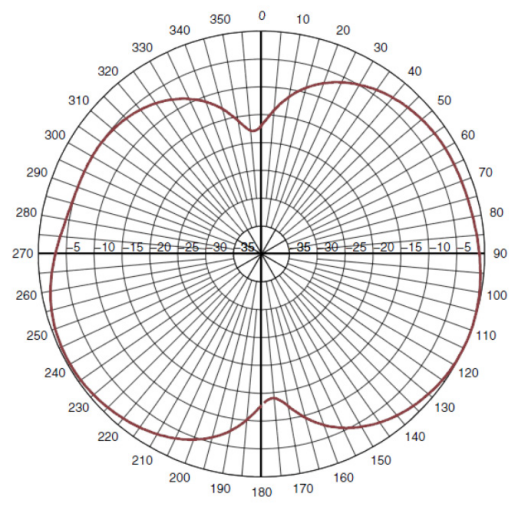
Important: Specifications are subject to change without prior notice



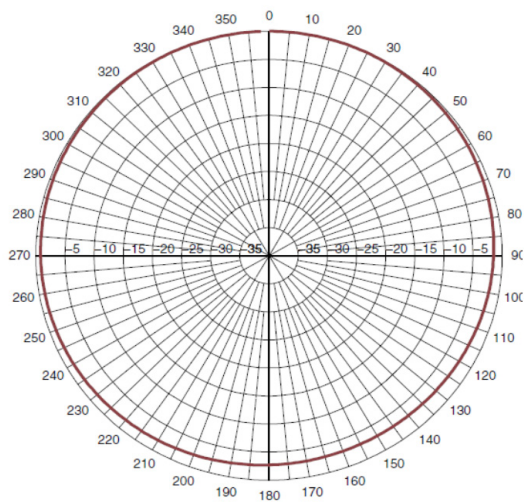
700MHz 4G LTE NO GROUND PLANE OMNI-DIRECTIONAL ANTENNA RADIATION PATTERNS



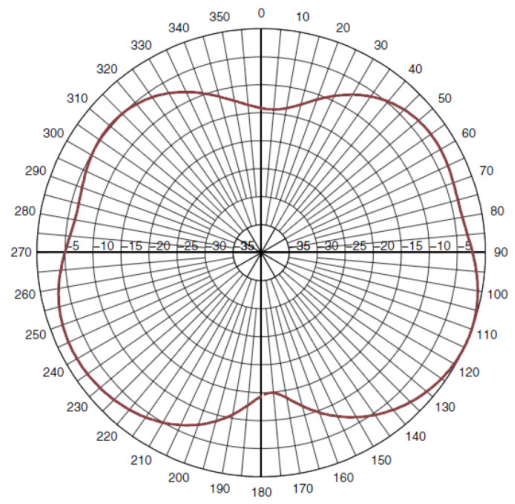
740 MHz Azimuth Pattern



740 MHz Elevation Pattern

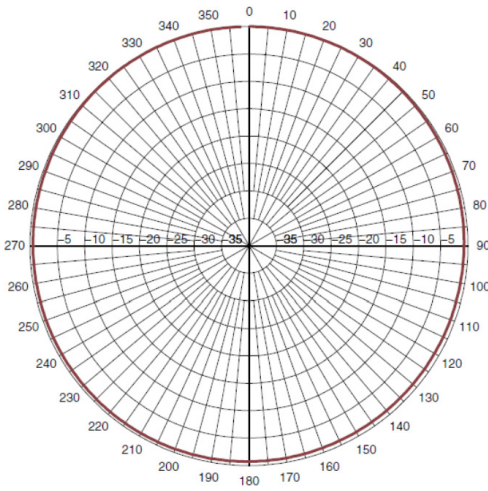


920 MHz Azimuth Pattern

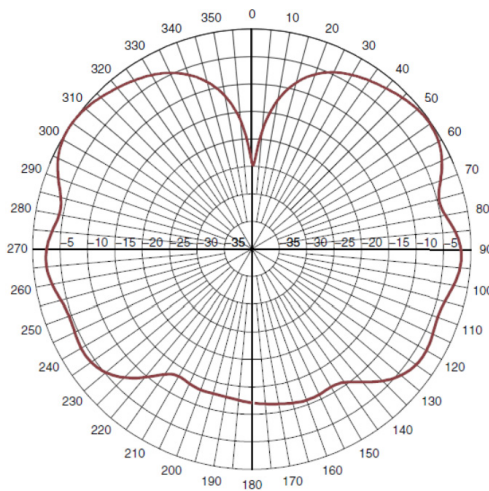


920 MHz Elevation Pattern

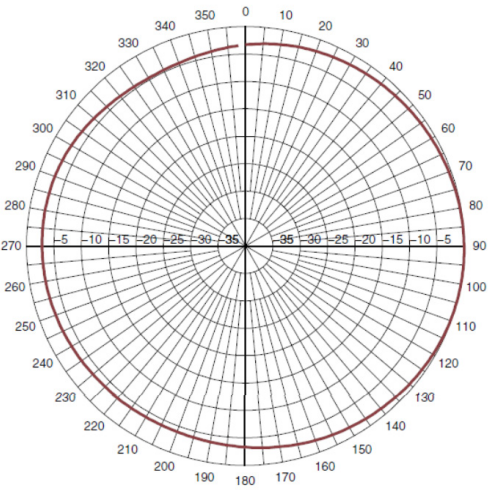
4G LTE NO GROUND PLANE OMNI-DIRECTIONAL ANTENNA RADIATION PATTERNS



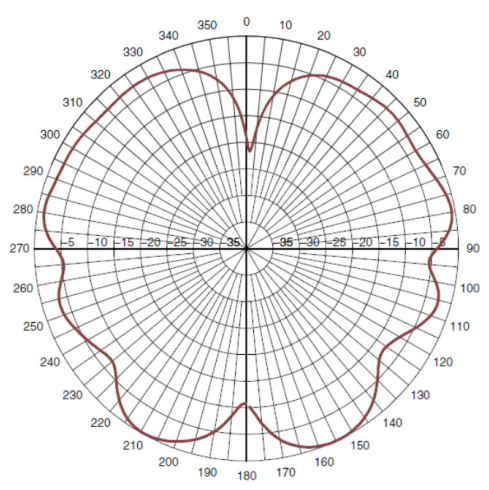
1800 MHz Azimuth Pattern



1800 MHz Elevation Pattern



2500 MHz Azimuth Pattern



2500 MHz Elevation Pattern