

# 5G PHANTOM ANTENNAS



## Trusted

#1 leading brand of 'salt-shaker' style omni antennas for 20 years

## The 5G Family

What is included



## Reliable

Rugged, reliable and field proven for many years

## Key Features

- Rugged construction and reliable build quality
- Optimized gain at just above the horizon for superior connectivity
- Great circular gain with minimal ripple providing less nulls/dead spots
- Over 80% average efficiency for reliable connectivity when you need it most

## FAQs

Q: Can they be used outside? A: Yes, they are IP67 and UL94 flammability rated and suitable for both indoor and outdoor environments.

Q: Why is a no ground plane antenna important? A: When mounting on areas with with a small metal or no metal surface, an antenna that is designed for on metal/on ground may shift frequency, resulting in poor/zero signal transmission. No ground plane versions solve this issue with a built-in ground plane.

Q: For the On Ground antenna, how big does the ground plane need to be? A: The antennas will work on any ground plane but we recommend an area of at least 2 feet around the center.

Q: How close to each other can 5G Phantoms be sited? A: Although interference is minimal, we would recommend no closer than 1 feet apart.

Q: Is there a difference in size between the 617 and 698 MHz models? A: Yes, the 617 MHz models are approximately 10% taller due to the increased wavelength required for the lower frequency.

Q: Is there an NMO mount version? A: Not currently. We recommend using the direct mount with integrated N connector which avoids RF losses at high frequencies due to its impedance matching coaxial interface.

## On Ground Plane



617-7125 MHz  
698-7125 MHz

**Does need to be mounted on a reflective surface**

**Applications**  
On metallic surfaces such as vehicle roof/trunk, lockers, and enclosures

## No Ground Plane



617-7125 MHz  
698-7125 MHz

**Does not need to be mounted on a reflective surface**

**Applications**  
Vehicles or enclosures with fiberglass/plastic surface

Four On Ground Plane Models Available:

617-7125 MHz Black or White  
698-7125 MHz Black or White

Four No Ground Plane Models Available:

617-7125 MHz Black or White  
698-7125 MHz Black or White

