INTRODUCING

5G PHANTOM NGP ANTENNAS

- **Ground Plane Independent**

    - **NGP= No Ground Plane Required**

- **617-7125 MHz and 698-7125 MHz Variants**

- **Available in Black or White**

- **Ideal for IoT Applications**

The 5G Phantom NGP antenna series cover either 617-7125 or 698-7125 MHz in a ground plane independent format. Offering global cellular coverage, without the need for a fixed ground plane, even for regions where the lower 600 MHz band is required. They deliver high levels of average efficiency, over 95% up to 4200 MHz, and gain up to 8.0 dBi in an IP67-rated, compact form factor.

APPLICATIONS

- IoT
- Smart Lockers
- Smart Storage
- Smart Metering
- Public Safety
- Freight

TARGET MARKETS

- IoT Applications - Where mounting on a non-reflective surface such as plastic or fiberglass is required
- Public Safety
- Aftermarket Fleet

ELECTRICAL

- Full electrical specifiction available in product datasheet

ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature – °C (°F) -40 to +85° (-40 to +185°)
- Storage Temperature – °C (°F) -40 to +85° (-40 to +185°)
- Ingress protection - IP67
- Flammability Rating - UL94
- Material Substance Compliance - RoHS Compliant

KEY BENEFITS

- Global cellular coverage
- Minimum gain ripple around the horizon (Azimuth Plane) there is excellent consistency with minimal shifting gain
- Connectivity where you need it – Uniform azimuth patterns reduce the chance of signal drop outs
- Rugged, robust construction – Tamper-resistant and highly durable with IP67-rated enclosure and UL 94 flammability rating

MECHANICAL

- Dimensions
    - 617-7125 MHz Models – hxd – mm (in.) - 113 x 47.3Ø (4.45 x 1.86)
    - 698-7125 MHz Models – hxd – mm (in.) - 96.5 x 47.3 Ø (3.80 x 1.86)
- Weight - g. (oz.) - 280.9 (9.91)
- Connector - Type N (female)
- Radome - PolyCarbonate

LEARN MORE

617-7125 MHz Model Landing Pages:

Black - FTRA6171M6PBN-001 | TE Connectivity

White - FTRA6171M6PWN-001 | TE Connectivity

698-7125 MHz Model Landing Pages:

Black - FTRA6971M6PBN-001 | TE Connectivity

White - FTRA6971M6PWN-001 | TE Connectivity

Customer Presentation

Datasheet