

LTE / GPS Omni Surface Mount Antenna



Ventev's LTE / GPS Omnidirectional Surface Mount Antenna with 3 SMA Plugs is designed for surface mount and mobile applications including fleet management and industrial Internet-of-Things connectivity. The antenna provides simultaneous LTE and GPS connectivity for multi-band, multi-mode radios. The threaded bushing and locking nut make surface mounting easy and secure.

Every Ventev antenna is covered by the company's two-year TerraNetwarranty program.

For more information or to purchase, contact Ventev: 800.851.4965 or sales@ventev.com.

SPECIFICATIONS

SKU: 263655

Model: M3030050O41818NGP

Frequency Bands: GPS / LTE1 / LTE2

Frequencies: 1575.42MHz / 698-960 / 1700-2700MHz

Peak Gain: 4.5 dBi / 4/5 / 4/5

Horizontal Beamwidth: 360° / 360° / 360°

Vertical Beamwidth: 45° / 55° / 55°

Polarization: RHCP / Vertical / Vertical

VSWR: ≤2

Noise Figure (dB): 2.0 max, 1.7 typ / N/A / N/A

Current (dB): 20 max, 10 typ / N/A / N/A

Amplifier Bias: 2.7 to 5 VDC / N/A / N/A

Operating Temperature Range: -40° to 158°F

Max Power Rating: 10W

Cable Type & Length: GPS: 18" RG174, LTE: 18" RG58

Connectors: SMA Male

Mount: Surface Mount

Dimensions: 2.9" × 5.6" Diameter

Weight: 0.95lbs

Application: Indoor / Outdoor

Radome: UV Stabilized ABS

Radome Color: White

Intrusion Prevention: IP 67 Compliant

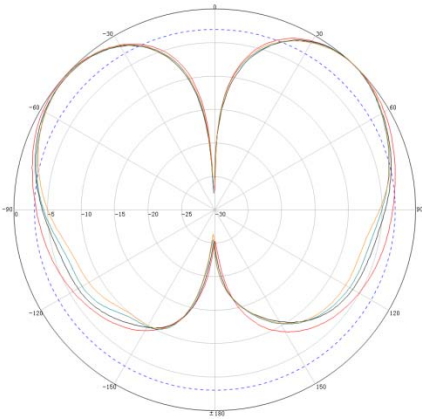
FEATURES AND BENEFITS

- Ideal for fleet management applications and industrial Internet-of-Things connectivity
- Provides simultaneous LTE and GPS connectivity for multi-band, multi-mode radios
- Threaded bushing and locking nut secure the mount to the surface

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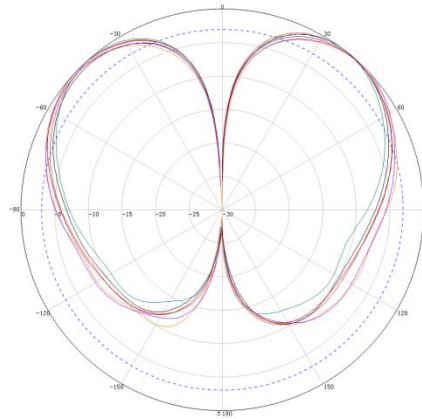
LTE

698–960 MHz



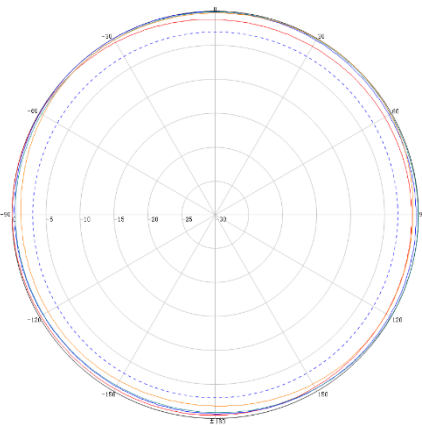
Elevation Pattern

1700–2700 MHz



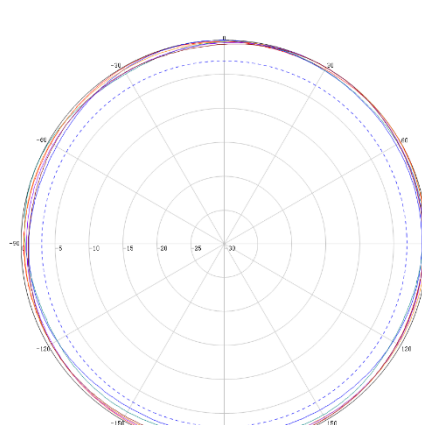
Elevation Pattern

698–960 MHz



Horizontal Pattern

1700–2700 MHz



Horizontal Pattern