



Smart Technology. Delivered.

# 4G/3G Multiband No Ground Plane Phantom Antenna TRA6927M3NBN-001



## 4G/3G PHANTOM ANTENNA IDEAL FOR 700/806/850/1800/1900/2100/2300/2500/2600 MHz APPLICATIONS

Laird's unique Phantom antenna operates simultaneously in the 698–960 MHz and 1710–2700 MHz bands, ideal for 4G/3G applications where no ground plane or metal surface is available. A mechanically robust design suitable for both indoor and outdoor applications with wide bandwidth and a low angle radiation pattern that is superior to traditional gain antennas in most applications and can therefore be used in surface mount applications.

The industry standard NMO mounting socket mates with all Laird magnetic, trunk lid and hole mount configurations.

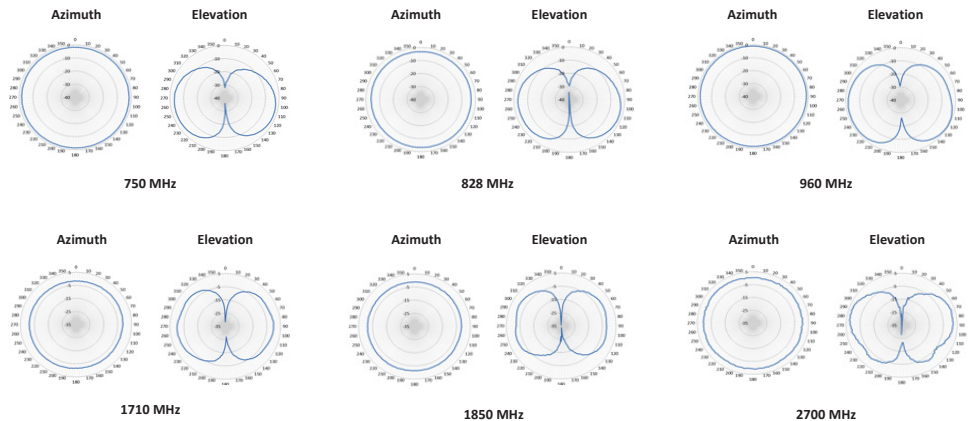
### FEATURES

- Mechanically robust for outdoor applications
- Self-contained design requiring no ground plane
- Applicable for both 3G and 4G application
- Domestic LTE 700 band and Global LTE 2600 band
- WiMAX 2300/2500/2600 bands
- Domestic Cellular and Global GSM
- Phantom out-performs a 3 dBi whip in many applications

### MARKETS

- Public Safety
- Cellular
- M2M
- Utilities
- Data transport
- Transportation
- IBW

### ANTENNA PATTERNS



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### SPECIFICATIONS

ELECTRICAL	
Frequency Range	698–960 MHz, 1710–2700 MHz VSWR
698–806 MHz	< 2.5: 1.0
806–960 MHz	< 2.0: 1.0
1710–2700 MHz	< 2.0: 1.0
Peak Gain	
698–960 MHz	0 dBi
1710–1990 MHz	1.7 dBi
2100–2700 MHz	2.9 dBi
Polarization	Vertical
Pattern	Omnidirectional
Input Impedance	50 Ω
Maximum Power	100 W
Termination	NMO
Mounting Information	No Ground Plane

MECHANICAL	
Color	Black
Radome Material	High Heat ABS
Dimensions (Ht. x dia.)	3.45" (8.76 cm) x 1.45" (3.68 cm)
Operating Temperature	-40° C to 85° C