

## 4G/3G Multiband Phantom® Antenna HY-TRA6927M3

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

Laird Technologies' unique Phantom® antenna operates simultaneously in the 698-960 MHz and 1700-2700 MHz bands, making it ideal for 4G/3G applications. The mechanically robust design is 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. The antenna is ideal for both ceiling and surface mount applications.

The industry standard NMO mounting socket mates with all Laird Technologies' magnetic, trunk lid and hole mount configurations. A threaded permanent stud mount model is also available for vandal resistant mounting on brackets, panels, ceilings or any other kind of housing.

#### FEATURES

- Mechanically robust for both Indoor/Outdoor applications
- 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



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<b>Antenne Phantom GSM- 3G-4G-LTE-WiFi</b> <b>Spécifications</b>	
<b>Référence</b>	HY-TRA6927M3
<b>Options de montage</b>	P ou MNO. Blanc ou Noir
<b>Fréquences couvertes</b>	698-806MHz: LTE 806-896MHz: Cellulaire/iDEN 890-960MHz: GSM Europe UMTS 1575.42MHz: GPS 1710-1880MHz: 1700 AWS 1710-1880MHz: DCS Europe 4G 1850-1990MHz: PCS 4G 1900-2170Mhz: UMTS 4G 2110-2155MHz: 1700 AWS 2.4-2.5GHz: WiFi 2.5-2.7 GHz : LTE
<b>Impédance</b>	50 Ohms
<b>Gain de l'antenne (dB crête)</b>	698-960MHz: 3.5dBi 1575.42MHz: 5.1dBi 1710-1990MHz: 5.5dBi 2100-2700MHz: 4.6dBi
<b>Radiation</b>	Omnidirectionnelle 360°
<b>Polarisation</b>	Polarisation croisée à diversité de champ
<b>Plan de sol</b>	Plan de sol métallique requis de rayon minimum de $\frac{1}{4}$ d'onde soit 111 mm
<b>Hauteur du radome</b>	84 mm
<b>Diamètre</b>	36 mm
<b>Couleurs</b>	Blanc ou Noir
<b>Montages</b>	Permanent N femelle ou Système MNO avec câble associé au travers d'une surface métallique
<b>Efficacité Moyenne</b>	698-960 MHz 90% (max: 96%) 1710-1990 MHz 91% (max: 95%) 2100-2700 MHz 80% (max: 86%)

## Diagrammes de rayonnement

