



Smart Technology. Delivered.

# Phantom TRA(B)7603 760-870 MHz Antennas



## PHANTOM® ANTENNA IS IDEAL FOR 760-870 MHz LAND MOBILE RADIO APPLICATIONS

Laird's unique patented Phantom® is a tough low-profile antenna for outdoor or indoor applications. Measuring only 2.3" tall, the Phantom 760-870 MHz antenna revolutionary design features an omni-directional radiation and vertical polarization components. This gives the antenna frequency agility, low visibility, and a low angle radiation pattern that is superior to traditional gain antennas in most applications.

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

The Phantom® patented technology is beneficial when high performance is desired and extreme ruggedness and low profile is required.

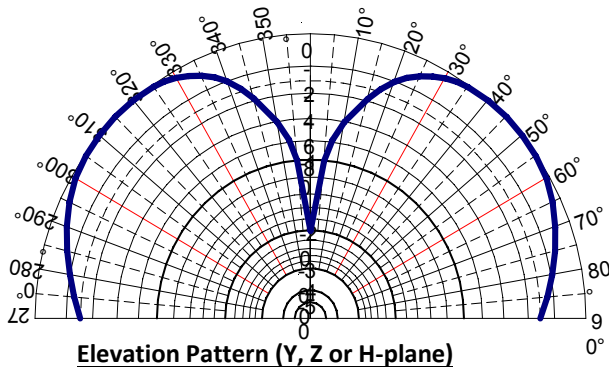
### FEATURES

- Easy installation with optional NMO mounts
- Phantom® outperforms a 3dB whip in many applications
- UV treated radome resists sun damage

### MARKETS

- Public safety
- Transportation
- Commercial & industrial communications

## ANTENNA PATTERN



## SPECIFICATIONS

### ELECTRICAL

Frequency Range	760-870 MHz
VSWR	< 2:1 Max
Nominal Gain	3 dB - MEG (3 dBi)
Maximum Power	100 Watts
Nominal Impedance	50 Ω
Polarization	Vertical
Pattern	Omnidirectional
Half-Power Beamwidth	146° x 360°
Coaxial Cable Length & Type	None
Termination	NMO
Noise Suppressor	BlackHawk NS1535 1-35 VOLT, 15 Amp Noise Suppressor (Sold Separately)

### MECHANICAL

Height	2.30"
Diameter	1.44"
Weight	0.15 lb
Color	Black or White
Radome Material	ABS
Rated Wind Velocity	125 mph (210 kph)
Rated Wind Velocity (with 0.5" radial ice)	85 mph (137 kph)
Lateral Thrust @ 125mph Wind Velocity	57 lbs (26 kg)
Wind Resistance in Sq. Feet	0.0230 sq. ft.
Mounting Information	NMO Mountable MB8, MAB8 (Sold separately)

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