



## PHANTOM ELITE

### NMO/P-Mount Antennas 760-870 MHz

The unique Phantom Elite® antenna is a durable, tough antenna suitable for outdoor and indoor applications. The revolutionary design measures only 2.7" and features field diversity with both vertical and horizontal polarization. This gives the antenna diversity, frequency agility, low visibility, wide bandwidth and a low angle radiation pattern that provides consistent superior performance.

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

#### FEATURES AND BENEFITS

- True Field Diversity design ensures consistent signal radiation
- High performance whipless design
- 100% tested on a network analyzer

#### APPLICATIONS

- Public safety
- Transportation
- Utility
- Military mobile
- Fixed radio applications

#### ELECTRICAL

Operating Frequency (MHz)	760-870
VSWR - Max	< 2.1
Gain (dBi)	3.0
Nominal Impedance (Ohms)	50
Max Power - Ambient 25°C (W)	100
Polarization	Vertical and horizontal
Half-Power Beamwidth (Elevation° x Azimuth°)	130 x 360

#### MECHANICAL

Material	High heat ABS
Cable and Mount	NMOHPC mount (sold separately)
Terminations	NMO or P mount with N-female connector
Tuning	None

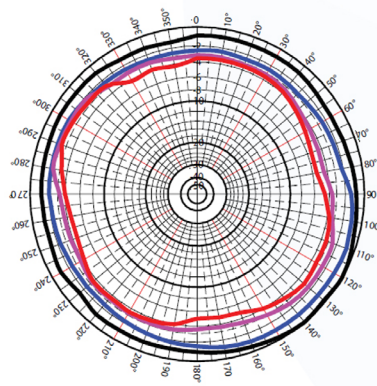
## CONFIGURATION

Operating Temperature - °C (°F)	-40 to +85°C (-40 to +185°F)
Material Substance Compliance	RoHS

## ANTENNA RADIATION PATTERN

PART NUMBER	COLOR	HEIGHT	WEIGHT	CONNECTOR
ETRA7603	Black	6.86 cm (2.70 in.)	68.04 g (0.15 lbs.)	NMO
ETRA7603	White	6.86 cm (2.70 in.)	68.04 g (0.15 lbs.)	NMO

Vertical-to-Vertical Polarization  
Azimuthal Pattern (Y, Z, or E-plane)



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04/23 Original