



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

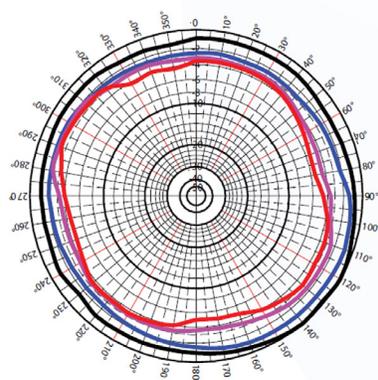
CONFIGURATION

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
ETRAB7603	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)



TE TECHNICAL SUPPORT CENTER

USA:	+1 (800) 522-6752
Canada:	+1 (905) 475-6222
Mexico:	+52 (0) 55-1106-0800
Latin/S. America:	+54 (0) 11-4733-2200
Germany:	+49 (0) 6251-133-1999
UK:	+44 (0) 800-267666
France:	+33 (0) 1-3420-8686
Netherlands:	+31 (0) 73-6246-999
China:	+86 (0) 400-820-6015

te.com

TE, TE Connectivity, TE connectivity (logo), and EVERY CONNECTION COUNTS are trademarks owned or licensed by the TE Connectivity plc family of companies. Other product names, logos, and company names mentioned herein may be trademarks of their respective owners.

While TE has made every reasonable effort to ensure the accuracy of the information in this document, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, complete, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES REGARDING THE INFORMATION CONTAINED HEREIN, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. In no event will TE be liable for any direct, indirect, incidental, special or consequential damages arising from or related to recipient's use of the information. It is the sole responsibility of recipient of this information to verify the results of this information using their engineering and product environment. Recipient assumes any and all risks associated with the use of the information. Antenna performance may vary. TE is a component manufacturer, and customer and/or end-user is responsible for all end-use compliance and regulatory requirements.

©2025 TE Connectivity. All Rights Reserved.

05/25 Original