



## PHANTOM ELITE®

### VHF Antennas

The Phantom Elite® patented technology is beneficial when high performance is desired and extreme ruggedness and low profile is required. Measuring only 2.4 inches tall, the Phantom Elite VHF antenna models' revolutionary design features field diversity with both vertical and horizontal polarization components. This gives the antenna diversity, frequency agility, low visibility, wide bandwidth and a low angle radiation pattern that is superior to traditional gain antennas in most applications.

### FEATURES

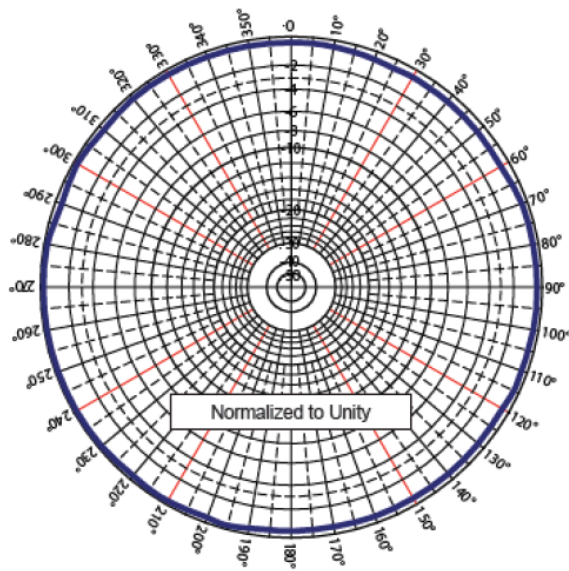
- Cross polarization design ensures uninterrupted transmissions in urban canyons and rural drop-off areas
- Phantom® outperforms a whip in many applications
- U.S. Patent Nos. 5,977,931 – 6,292,156 and 7,209,096

### APPLICATIONS

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

MODEL	DESCRIPTION	FREQ. RANGE	GAIN	COLOR	RADOME HEIGHT	MAX
ETRA1440	Phantom Elite VHF Antenna	144-148 MHz	Unity	Black	6.0325 cm (2.375 in.)	60 W
ETRA1500	Phantom Elite VHF Antenna	150-155 MHz	Unity	White	6.0325 cm (2.375 in.)	60 W
ETRA1500	Phantom Elite VHF Antenna	150-155 MHz	Unity	Black	6.0325 cm (2.375 in.)	60 W
ETRA1550	Phantom Elite VHF Antenna	155-160 MHz	Unity	White	6.0325 cm (2.375 in.)	60 W
ETRA1550	Phantom Elite VHF Antenna	155-160 MHz	Unity	Black	6.0325 cm (2.375 in.)	60 W
ETRA1650	Phantom Elite VHF Antenna	165-170 MHz	Unity	Black	6.0325 cm (2.375 in.)	60 W

## ANTENNA PATTERN



**Azimuth Pattern, (X, Y or E-Plane)**

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