



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

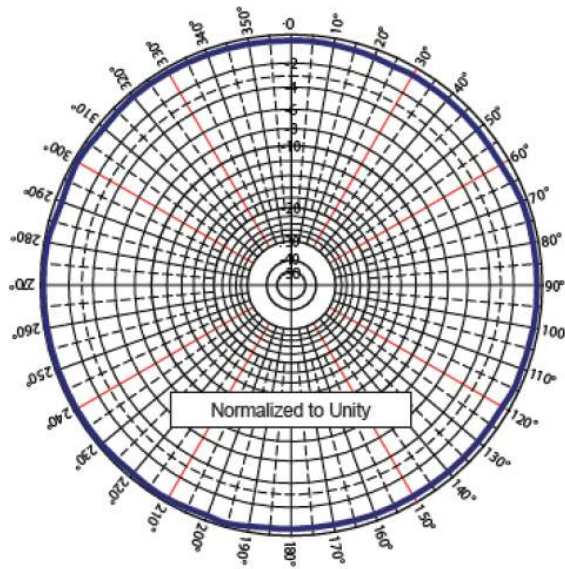
- Cross polarization design ensures uninterrupted transmissions in urban canyons and rural drop-off areas
- Phantom® outperforms a whip in many applications
- U.S. Patent Nos. 5,977,931 - 6,292,156 and 7,209,096

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 | White | 6.0325 cm (2.375 in.) | 60 W |
| ETRAB1440 | 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 |
| ETRAB1500 | 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 |
| ETRAB1550 | 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 | White | 6.0325 cm (2.375 in.) | 60 W |
| ETRAB1650 | Phantom Elite VHF Antenna | 165-170 MHz | Unity | Black | 6.0325 cm (2.375 in.) | 60 W |
| ETRA2100 | Phantom Elite VHF Antenna | 210-225 MHz | Unity | White | 6.0325 cm (2.375 in.) | 60 W |
| ETRAB2100 | Phantom Elite VHF Antenna | 210-225 MHz | Unity | Black | 6.0325 cm (2.375 in.) | 60 W |

ANTENNA PATTERN



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

TE TECHNICAL SUPPORT CENTER

| | |
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