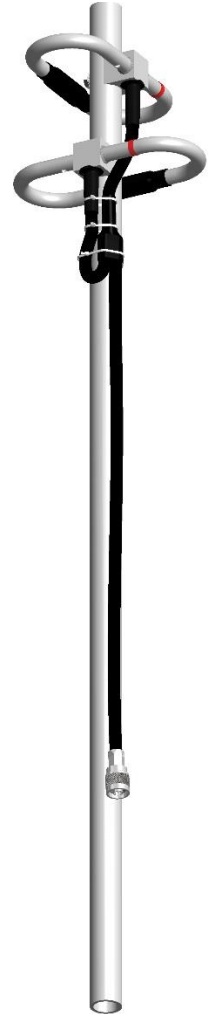


205-70 700/800/900

The Circular Polarized Antenna is available for the VHF, UHF and 700/800/900 frequency bands. These antennas are wide-band and unity gain. They are constructed from high strength, corrosion resistant aluminum alloy and stainless steel. All our antennas can be completely customized to your particular applications.

- Each antenna has a rugged design to withstand harsh environmental conditions.
- DC ground for lightning protection.
- Please contact our Technical Support team for consultation.



| Electrical Specifications | 205-70 700/800/900 |
|------------------------------|-------------------------|
| Frequency Range, MHz | 764-960 |
| Nominal Gain | Unity |
| Bandwidth: 1.5:1 VSWR, MHz | 60 |
| Orientation | Clockwise |
| Polarization | Circular |
| Power Rating, Watts | 100 |
| Nominal Impedance, Ohms | 50 |
| Lightning Protection | DC Ground |
| Standard Termination | Type N Male |
| Mechanical Specifications | 205-70 700/800/900 |
| Max. Length, in (mm) | 36 (914.4) |
| Mast Diameter, in (mm) | 1.057 (26.85) |
| Weight, lbs. (kg) | 2.2 (1) |
| Environmental Specifications | 205-70 700/800/900 |
| Temperature Range | -40 deg. C to 80 deg. C |

| Order Information | 764-806 MHz | 806-869 MHz | 900-960 MHz |
|---------------------------------------|-------------|-------------|-------------|
| RHCP, Right Hand Circularly Polarized | 205-70-R *6 | 205-70-R*3 | 205-70-R*4 |
| LHCP, Left Hand Circularly Polarized | 205-70-L *6 | 205-70-L*3 | 205-70-L*4 |

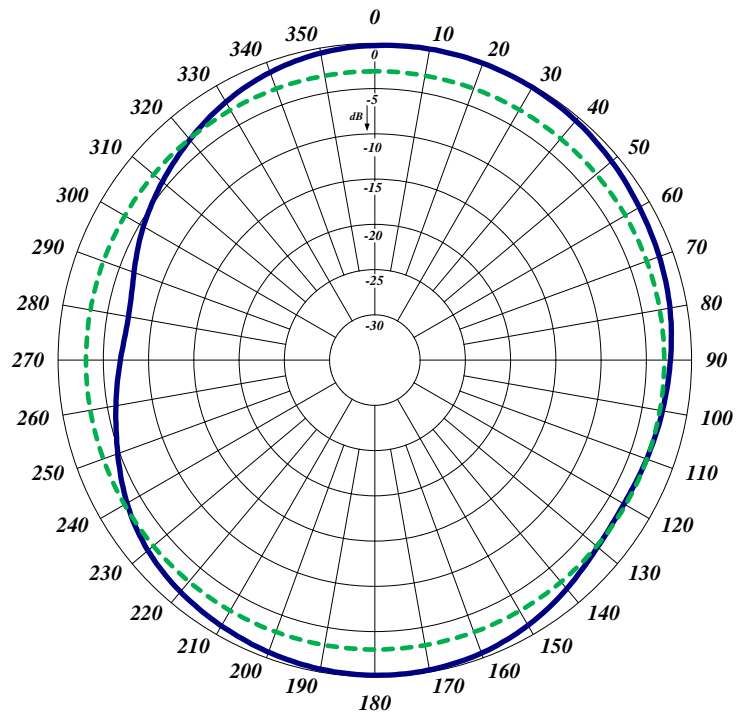


205-70

205-70 azimuth (horizontal) radiation pattern.

Antenna should be in below position;

Looking to North, top view, first dipole in vertical position, second dipole in horizontal position.



205-70 elevation (vertical) radiation pattern.

Antenna should be in below position;

Looking to east, side view, first dipole in vertical position, second dipole in horizontal position.

