



Collinear Omnidirectional Antenna

The 928-70 Collinear Omni Antenna is available in three frequency splits: 746-806; 806-869 or 885-960 within the 746 to 960 MHz range.

The antennas have an 8.5 dBd gain, and offer 3 fixed Electrical Downtilt options, based on customer requirements.

The antenna is constructed with a high-quality fiberglass light-grey radome. The aluminum mounting hardware is included with the antenna.

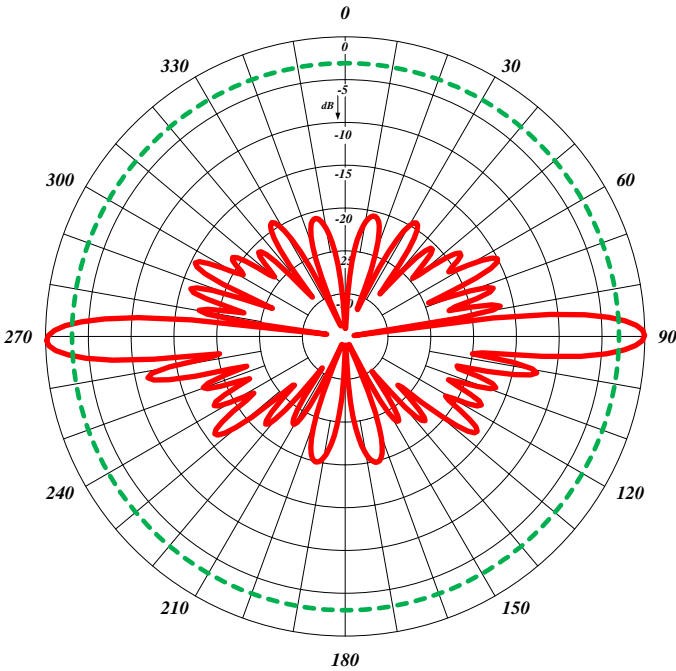
This antenna is available in Low-PIM (-150 dBc; two 20W carriers).

| Electrical Specifications | 928-70 |
|---|--|
| Frequency Range, MHz (in splits) | 746-806; 806-869; 885-960 |
| Nominal Gain, dBd | 8.5 |
| Bandwidth 1.4:1 VSWR, MHz | 75 |
| Polarization | Vertical |
| Horizontal Beamwidth (°) | 360 |
| Vertical Beamwidth (°) | 6.5 |
| Electrical Downtilt—Fixed (Options) (°) | 0, 3, 6 |
| Pattern | Omnidirectional |
| Passive Intermodulation (PIM @ 2 X 43 dBm), dBc | < -150 |
| Power Rating, Watts | 500 |
| Nominal Impedance, Ohms | 50 |
| Lightning Protection | DC Ground |
| Standard Termination | Type N Male for standard version – DIN 7/16 or 4.3/10 for Low-PIM |
| Mechanical Specifications | 928-70 |
| Max. Length, in (mm) | 130 (3310) |
| Diameter, in (mm) | 2 (52) |
| Weight, lbs. (kg) - with mounting kit | 26 (11.8) |
| Rated Wind Velocity, mph (km/h) | 124 (200) |
| Radome Material | Fiberglass, light grey, RAL 7035 |
| Radiating Element Material | Brass |
| Operational Temperature, °C | -55 to 70 |
| Mounting Hardware Included | Pole mount included |

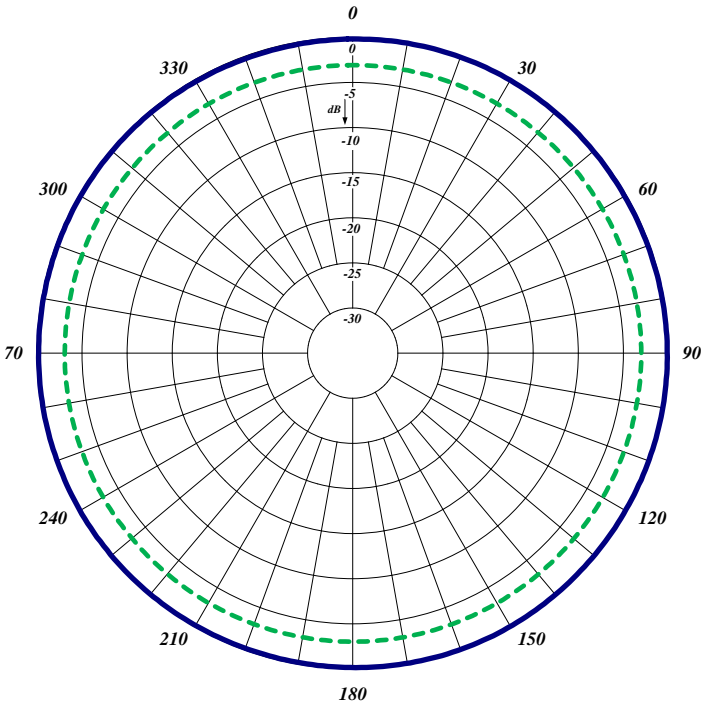




928-70



Vertical Pattern



Horizontal Pattern