

880 Series VHF Exposed Dipole Array

The 880 Series VHF Exposed Dipole Array are available in 2 and 4 dipoles set configurations. All our antennas can be completely customized to your particular applications. Our antennas can be black anodized, top mount only, and heavy-duty versions are available.

- Each antenna is offered in two versions: Omni or bidirectional.
- These antennas have only internal cabling, fixed dipole-mast spacing, and adjustable pattern control.
- Heavy-duty versions are available. Please contact our Technical Support team for consultation.

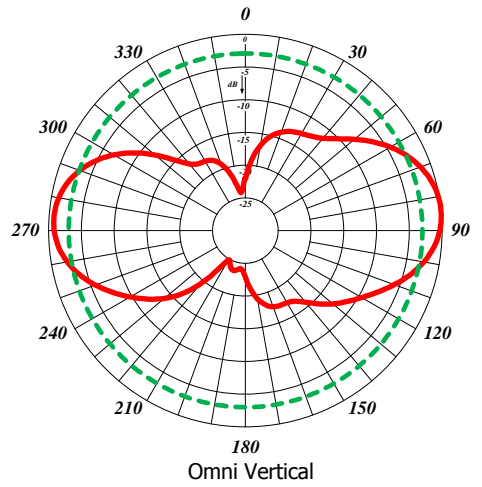
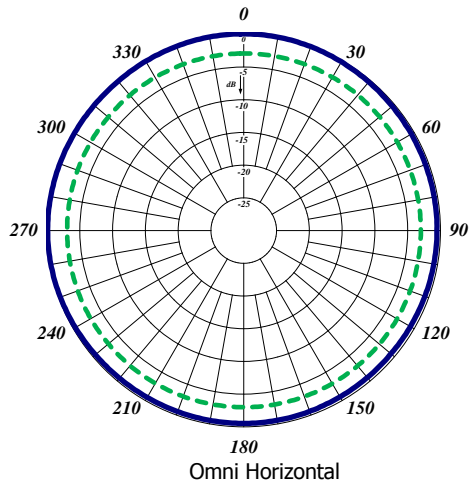
| Electrical Specifications | 882-70 | 884-70 |
|--|-----------------|-----------------|
| Frequency Range, MHz | 138-174 | 138-174 |
| Nominal Gain, dBd | 3.0-5.5 | 6.0-8.5 |
| Number of Dipoles | 2 Sets | 4 Sets |
| Bandwidth 1.5:1 VSWR, MHz | 36 | 36 |
| Polarization | Vertical | Vertical |
| Pattern | Omni or Bi-Dir. | Omni or Bi-Dir. |
| Power Rating, Watts | 450 | 500 |
| Nominal Impedance, Ohms | 50 | 50 |
| Lightning Protection | DC Ground | DC Ground |
| Standard Termination | Type N Male | Type N Male |
| Mechanical Specifications | 882-70 | 884-70 |
| Length, in (mm) | 138 (3500) | 246 (6248) |
| Width, in (mm) | 30 (762) | 31 (787) |
| Weight, lbs. (kg) | 36 (16.3) | 78 (35) |
| Rated Wind Velocity, No Ice, mph (km/h) | 120 (162) | 110 (177) |
| Rated Wind Velocity, 0.5" (13mm) ice, mph (km/h) | 95 (137) | 80 (129) |
| Lateral Thrust @ 100 mph, wind, lbs. (kg) | 113 (51) | 236 (107) |
| Bending Moment @ top clamp: 100 mph, ft.*lb (kg*m) | 351(49) | 1264 (175) |
| Projected Area, ft ² (m ²) | 4.1 (0.38) | 8.7 (0.81) |
| Mounting Information: Mast O.D. (mm) | 2.4" (61) | 2.9" (73) |
| Order Information | Heavy Duty | Black Anodized |
| 882-70 | 882-70-HD | 882-70-HDB |
| 884-70 | 884-70-HD | 884-70-HDB |



884-70
Bidirectional



882-70



882-70

