

CP880 Series VHF Exposed Dipole Array

The 880 Series VHF Exposed Dipole Array are available in 2 and 4 dipole set configurations. All of our antennas can be completely customized to your particular applications. Our antennas can be Black Anodized, Fully Welded, Top Mount Only, and many versions of Heavy Duty Ruggedness are all available.

- Each antenna is offered in two versions, Omni or Bi-Directional
- These antennas have only internal cabling, fixed dipole-mast spacing, and adjustable pattern control
- Heavy Duty Versions are available, but please contact a Comprod Technical support technician for consultation



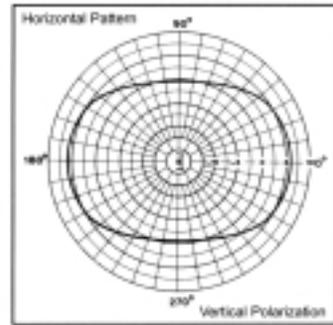
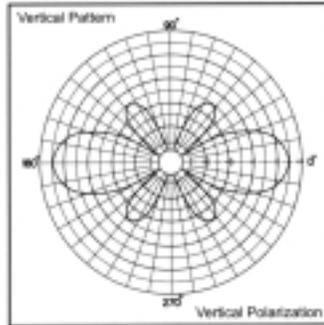
882-70

Electrical Specifications	882-70	884-70
Frequency Range, MHz	138-174	138-174
Nominal Gain, dBd Omni / Bi-directional	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		
Length, inches (mm)	138 (3500)	246 (6248)
Width, inches (mm)	30 (762)	30 (762)
Weight, lbs (kg)	40 (18)	78 (35)
Rated Wind Velocity: No Ice, mph (km/h)	100 (162)	100 (162)
Rated Wind Velocity: 0.5" (13mm) Ice, mph (km/h)	85 (137)	85 (137)
Lateral Thrust @ 100mph wind, lbs (kg)	95.8 (43.4)	203 (92)
Bending Moment @ top clamp: 100mph, ft*lb (kg*m)	364.2 (50.3)	1878 (260)
Equiv. Flat Plate Area, ft ² (m ²)	n/a	n/a
Mounting Information	Mast 2.4" (61mm) O.D.	Mast 2.9" (73mm) O.D.

Order Information	Heavy Duty	Heavy Duty Welded	Black Anodized
882-70	882-70HD	882-70HDW	882-70HDB
884-70	884-70HD	884-70HDW	884-70HDB



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