

884-70-HDLM

The 884-70-HDLM is a Wide Band, Omnidirectional Antenna specifically designed for trunked multicoupled and X-pass systems with an internal cabling design. It is extremely rugged and is well suited for use in severe environmental conditions.

- This antenna is field adjustable for Omni or Bidirectional coverage.
- It can be ordered with any electrical downtilt angle up to 10 degrees.

Electrical Specifications	884-70-HDLM
Frequency Range, MHz	138-174
Nominal Gain, dBd	6 Bi-directional /8.5 Omni
Number of Dipoles	8
Bandwidth 1.5:1 VSWR, MHz	36
Polarization	Vertical
Pattern	Omni or Bi-Dir
Power Rating, Watts	500
Nominal Impedance, Ohms	50
Lightning Protection	DC Ground
Standard Termination	N-male
Mechanical Specifications	884-70-HDLM
Length (recommended), in (mm)	246 (6248)
Width, in (mm)	30 (787)
Weight without mast, lbs. (kg)	60
Rated Wind Velocity, No Ice, mph (km/h) *	125 (201)
Rated Wind Velocity, 0.5" (13mm) ice, mph (km/h)	100 (161)
Lateral Thrust @ 100 mph, wind, lbf (N) *	297 (1319)
Bending Moment @ top clamp: 100 mph, lb*ft.	2107 (2857)
Projected Area, ft ² (m ²) *	11.1 (1.03)
<i>(* Based on AL Mounting Mast of 3.5" O.D)</i>	

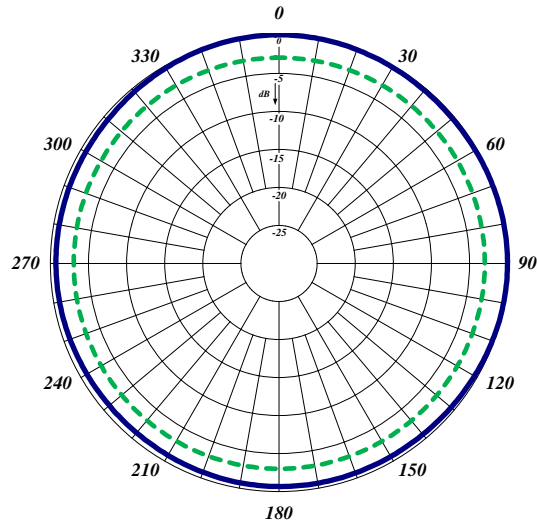


mast not included

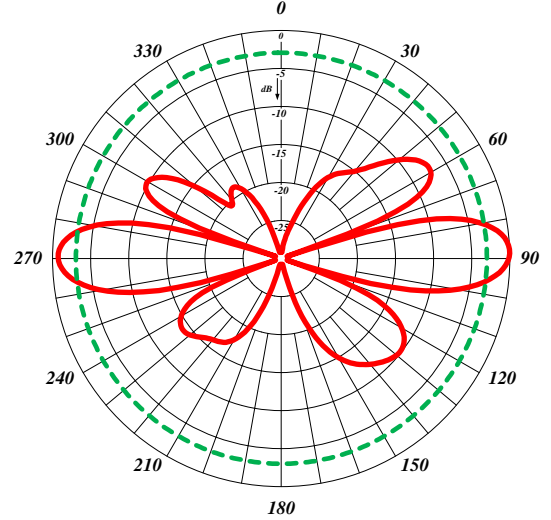




884-70-Omni



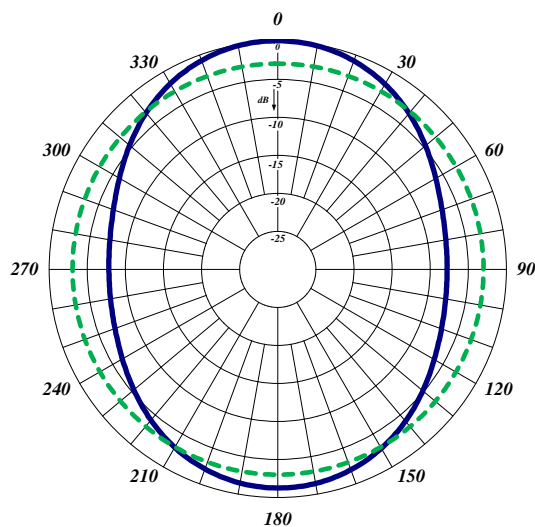
Omni Horizontal



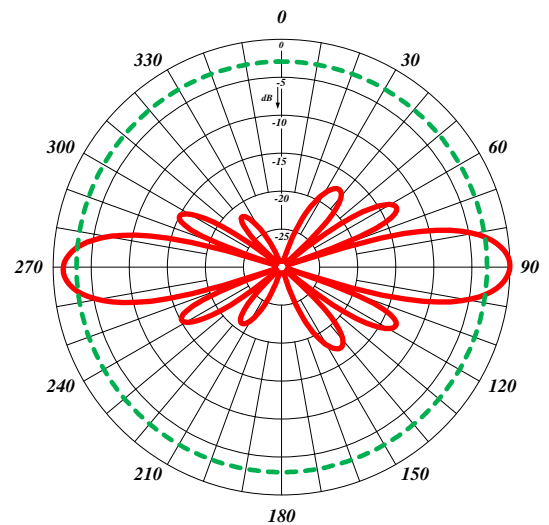
Omni Vertical



884-70-Bi



Bidirectional Horizontal



Bidirectional Vertical