



870 Series VHF Exposed Dipoles with Reflectors

The F-3713 antenna is a 2 dipoles 872F-70 Antenna Series- VHF Exposed Dipoles with Reflectors. All our antennas can be completely customized to your applications.

The Reflectors provide a higher degree of directivity. This product is ideal for state or country borders. We have seen great success with being able to shape the RF patterns in the 870-series antenna line.

- Each antenna is configured as a 3/8 wave version.
- The reflectors provide more directivity and greater front-to-back ratios.
- These exposed dipoles have internal cabling and fixed dipole to mast spacing.
- Heavy-duty versions are available. Please contact our Technical Support team for consultation.
- This antenna is available black anodized.
- This antenna is available in Low-PIM (-150 dBc; two 20W carriers).

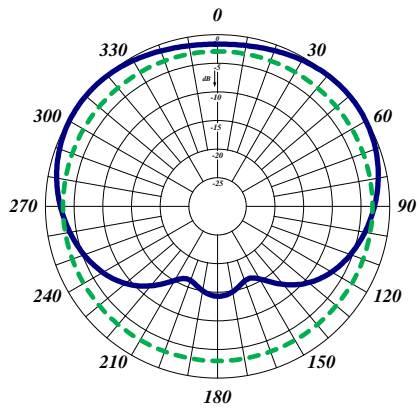
Electrical Specifications	F-3713
Frequency Range, MHz	138-174
Nominal Gain, dBd	7.0
Number of Dipoles	2
Number of Reflectors	7
Bandwidth 1.5:1 VSWR, MHz	36
Polarization	Vertical
Pattern	Directional
Power Rating, Watts	450
Nominal Impedance, Ohms	50
Lightning Protection	DC Ground
Standard Termination	Type N Male for standard version – DIN 7/16 or 4.3/10 for Low-PIM
Mechanical Specifications	F-3713
Length, in (mm)	120 (3048)
Width (1/2 Wave Spacing), in (mm)	53 (1346)
Weight, lbs. (kg)	57.2 (26)
Projected Area, ft ² (m ²)	3.04 (0.28)
Mounting Information Mast O.D. (mm)	2.4" (61)



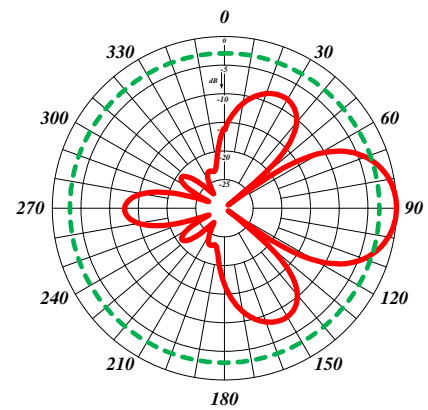
F-3713



F-3713



Horizontal pattern



Vertical pattern