



425-75-HDRP UHF Radome Yagi Antennas

This UHF Radome Yagi Antenna is designed for extreme weather conditions. This UHF model is offered with a PVC Radome that protects the antenna from ice and snow. It is PIM rated for digital radio systems. All our antennas can be completely customized to your applications.

- Each antenna has a rugged design to withstand extreme environmental conditions.
- The mounting hardware supplied supports either vertical or horizontal polarization.
- DC ground for lightning protection.
- The PVC enclosure is 1/2 inch thick.
- This antenna is Low-PIM (-150 dBc; two 20W carriers).

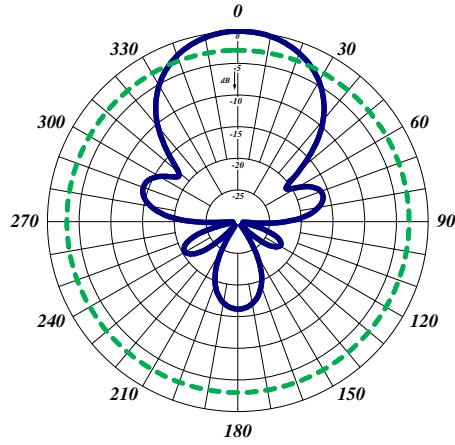
Electrical Specifications	425-70-HDRP	
Frequency Range, MHz (in splits)	406-470	
Nominal Gain, dBd	10	
Number of Elements	7	
Bandwidth: 1.5:1 VSWR, MHz	20	
Polarization	Vert./Hor.	
Horizontal Beamwidth (Horizontal Pol.)	62°	
Vertical Beamwidth (Horizontal Pol.)	48°	
Front to Back, dB	20	
Pattern	Directional	
Power Rating, Watts	250	
Nominal Impedance, Ohms	50	
Lightning Protection	DC Ground	
Standard Termination	DIN 7/16 or 4.3/10 Bulkhead	
PIM rated (2x20W carriers)	-150 dBc	
Mechanical Specifications	425-70-HDRP	
Length, in (mm)	31 (787)	
Width, in (mm)	16 (406)	
Weight, lbs. (kg)	44 (20)	
Radome Material	PVC	
Rated Wind Velocity, No Ice, mph (km/h)	150 (241)	
Rated Wind Velocity, 0.5" (13mm) ice, mph (km/h)	105 (169)	
Lateral Thrust @ 100 mph, wind, lbs. (kg)	69 (31.3)	
Projected Area, ft ² (m ²)	2.6 (0.24)	
Mounting Hardware Included	173-85 clamp	



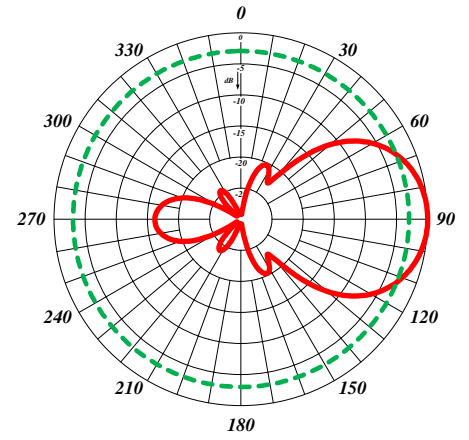
425-70-HDRP



425-70-HDRP



425-70-HDR Horizontal pattern (Vertical Polarization)



425-70-HDR Vertical Pattern (Vertical Polarization)