



Electrical Specifications	
Frequency Range	746-870 MHz
Gain	2.5 dBd
Nominal Impedance	50 Ω
Antenna Isolation	N/a
Tuned Bandwidth	Entire band
VSWR (Return loss)	< 1.5:1 (14dB)
Down Tilt	N/A
Passive IM 3 rd order (2x20W)	-150 dBc
Peak Instantaneous Power	25 kW
Power Input	500 W
Vertical Beamwidth	28°
Horizontal Beamwidth	Omni +/-0.5dB
Input	7/16" DIN-Female*

Mechanical Specifications		
Configuration	Collinear Dipole	
Length	42.5"	
Radome Diameter	2.5"	
Weight	8.5 lbs	
Shipping Weight	12 lbs	
Shipping Dimensions	H	4.00"
	W	4.00"
	L	50"
Projected Area	0.9ft ² (no ice), 1.2ft ² (with ice)	
Lateral Thrust @ 100mph	34 lbs	
Torque @ 100mph ft-lbs	15	
Mounting Area	24.00" x 2.375" diam. Aluminum	
Suggested Clamps (not included)	PLMTKIT	
Wind Gust Rating	>150 mph (with or without ice)	



*Other connector types available upon request.

