



Electrical Specifications	
Frequency Range	470-490 MHz
Gain	6.3 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	13°
Horizontal Beamwidth	Omni +/-0.5dB
Input	7/16" DIN-Female

Mechanical Specifications	
Configuration	Collinear Dipole
Length	82"
Radome Diameter	2.00"
Weight	15 lbs
Shipping Weight	21 lbs
Shipping Dimensions	H 3.00"
	W 3.00"
	L 88"
Projected Area	1.3ft ² (no ice), 2.1ft ² (with ice)
Lateral Thrust @ 100mph	33 lbs
Torque @ 100mph ft-lbs	98
Mounting Area	18.00" x 2.375" diam. Aluminum
Suggested Clamps (not included)	PLMTKIT
Wind Gust Rating	149 mph

