



Electrical Specifications	
Frequency Range	490-520 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	103"
Radome Diameter	1.50"
Weight	6 lbs
Shipping Weight	21 lbs
Shipping Dimensions	H 3.00"
	W 3.00"
	L 110"
Projected Area	1.3ft ² (no ice), 2.0ft ² (with ice)
Lateral Thrust @ 100mph	32 lbs
Torque @ 100mph ft-lbs	88
Mounting Area	20.00" x 2.00" diam. aluminum
Suggested Clamps (not included)	PLMTKIT
Wind Gust Rating	149 mph

