



Electrical Specifications	
Frequency Range	140-150 MHz
Gain	4.1 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	23°
Horizontal Beamwidth	Omni +/-0.5dB
Input	7/16" DIN-Female

Mechanical Specifications	
Configuration	Collinear Dipole Series fed
Length	204"
Radome Diameter	3.00"
Weight	38 lbs
Shipping Weight	75 lbs
Shipping Dimensions	H 4.00"
	W 4.00"
	L 211"
Projected Area	5.0ft ² (no ice), 6.3ft ² (with ice)
Lateral Thrust @ 100mph	123 lbs
Torque @ 100mph ft-lbs	759
Mounting Area	30.00" x 3.50" diam. Aluminum
Suggested Clamps (not included)	PLMTKIT-1
Wind Gust Rating	149 mph (with or without ice)

