



Electrical Specifications	
Frequency Range	162-174 MHz
Gain	5.2 dBd
Nominal Impedance	50 Ω
Antenna Isolation	N/A
Tuned Bandwidth	Entire band
VSWR (Return loss)	< 1.5:1 (14dB)
Passive IM 3 rd order (2x20W)	-150 dBc
Peak Instantaneous Power	25 kW
Power Input	500 W
Down Tilt	N/A
Vertical Beamwidth	16°
Horizontal Beamwidth	Omni +/-0.5dB
Input	7/16" DIN-Female

Mechanical Specifications	
Configuration	Collinear Dipole
Length	239"
Radome Diameter	3.00"
Weight	42 lbs
Shipping Weight	85 lbs
Shipping Dimensions	H 4.00"
	W 4.00"
	L 246"
Projected Area	5.8ft ² (no ice), 7.4ft ² (with ice)
Lateral Thrust @ 100mph	145 lbs
Torque @ 100 mph ft-lbs	1105
Mounting Area	20.00" x 3.50" diam. Aluminum
Suggested Clamps (not included)	PLMTKIT-1
Wind Gust Rating	145 mph (no ice)
	115 mph (with ice)

