



Electrical Specifications	
Frequency Range	746-870 MHz
Gain	10.5 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 <sup>rd</sup> order (2x20W)	-150 dBc
Peak Instantaneous Power	25 kW
Power Input	500 W
Vertical Beamwidth	4°
Horizontal Beamwidth	Omni +/-0.5dB
Input	7/16" DIN-Female

Mechanical Specifications	
Configuration	Collinear Dipole
Length	209"
Radome Diameter	3.00"
Weight	49 lbs
Shipping Weight	87 lbs
Shipping Dimensions	H 4.00"
	W 4.00"
	L 218"
Projected Area	4.9ft <sup>2</sup> (no ice), 6.2ft <sup>2</sup> (with ice)
Lateral Thrust @ 100mph	121 lbs
Torque @ 100mph ft-lbs	874
Mounting Area	30.00" x 3.50" diam. aluminum
Suggested Clamps (not included)	PLMTKIT-1
Wind Gust Rating	>150 (with or without ice)

