



Electrical Specifications	
Frequency Range	406-512 MHz
Gain	7 dBd
Nominal Impedance	50 $\Omega$
Tuned Bandwidth	Entire band
VSWR (Return loss)	< 1.5:1 (14 dB)
Antenna Isolation	N/A
Passive IM 3 <sup>rd</sup> order (2x20W)	-150 dBc
Peak Instantaneous Power	25 kW
Down Tilt	N/A
Power Input	500 W
Vertical Beamwidth	35°
Horizontal Beamwidth	129°
Input	7/16" DIN-Female
Mechanical Specifications	
Configuration	Welded Aluminum
Screen Length/Width	39.5"x23.5"
Weight	30 lbs
Shipping Weight	N/A
Shipping Dimensions	H N/A
	W N/A
	L N/A
Projected Area	4.7ft <sup>2</sup> (no ice), 7.5ft <sup>2</sup> (with ice)
Lateral Thrust @ 100mph	117lbs (no ice), 186 lbs (with ice)
Torque @ 100mph ft-lbs	6 (no ice), 10 (with ice)
Suggested Clamps (not included)	PLMTKIT & GPMTKIT
Wind Gust Rating	>150 (with or without ice)

