

# Product Data Sheet **ATC-GP4V1C**



Electrical Specifications			
Frequency Range	406-512 MHz		
Gain	5 dBd		
Nominal Impedance	50 Ω		
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	75°		
Horizontal Beamwidth	130°		
Input	7/16" DIN-Female		
Mechanical Specifications			
Configuration	Welded Aluminum		
Screen Length/Width	20"x23.5"		
Weight	25 lbs		
Shipping Weight	Screen: 14lbs Dipole Asy: 18lbs		
Shipping Dimensions	<u>Screen</u>	<u>Dipole Assembly</u>	
	H	5.00"	3.75"
	W	23.50"	13.00"
L	20.00"	66.00"	
Projected Area	1.4ft <sup>2</sup> (no ice), 2.4ft <sup>2</sup> (with ice)		
Lateral Thrust @ 100mph	34 lbs (no ice), 60 lbs (with ice)		
Torque @ 100mph ft-lbs	3 (no ice), 6 (with ice)		
Mounting Area	20.00" x 1.90" diam. aluminum		
Suggested Clamps (not included)	PLMTKIT & GPMTKIT		
Wind Gust Rating	>150 (with or without ice)		

