

# Product Data Sheet **ATC-GC1V40-3**



Electrical Specifications	
Frequency Range	130-140 MHz
Gain	4.1 dBd
Nominal Impedance	50 $\Omega$
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	23°
Horizontal Beamwidth	Omni +/-0.5dB
Input	7/16" DIN-Female

Mechanical Specifications	
Configuration	Collinear Dipole
Length	215"
Weight	40 lbs
Radome Diameter	3.00"
Shipping Weight	71 lbs
Shipping Dimensions	H 4.00"
	W 4.00"
	L 224"
Projected Area	5.3ft <sup>2</sup> (no ice), 6.6ft <sup>2</sup> (with ice)
Lateral Thrust @ 100mph	130 lbs
Torque @ 100mph ft-lbs	866
Mounting Area	20.00" x 3.50" diam. Aluminum
Suggested Clamps (not included)	PLMTKIT-1
Wind Gust Rating (mph)	149 mph (no ice or without ice)

