



## 700/800 MHz V-POL Omni

Electrical Specifications	
Frequency Range	740-870 MHz
Gain	9.5 dBd
Impedance	50 $\Omega$
Tuned Bandwidth	Entire band
VSWR (Return loss)	< 1.5:1 (14dB)
Passive IM 3 <sup>rd</sup> order (2x20W)	-150 dBc
Peak Instantaneous Power (PIP)	25 kW
Power Input	500 W
Vertical Beamwidth	6°
Horizontal Beamwidth	Omni +/-0.25dB
Input	7-16 DIN Female D7 4.3-10 DIN Female D4
Beam tilt	0 through 10 degree options
Mechanical Specifications	
Configuration	Corporate Fed Dipole Array
Length	170"
Radome Diameter	3.00"
Weight	9 lbs
Shipping Weight	32.5 lbs
Shipping Dimensions	H 4"
	W 4"
	L 174"
Projected Area	3.6ft <sup>2</sup> (no ice) 4.7ft <sup>2</sup> (with ice)
Lateral Thrust @ 100mph	97 lbs
Mounting Area	24.00" x 2.50" diam. aluminum
Suggested Clamps (not included)	PLMKT-01
Wind Gust Rating	150 mph



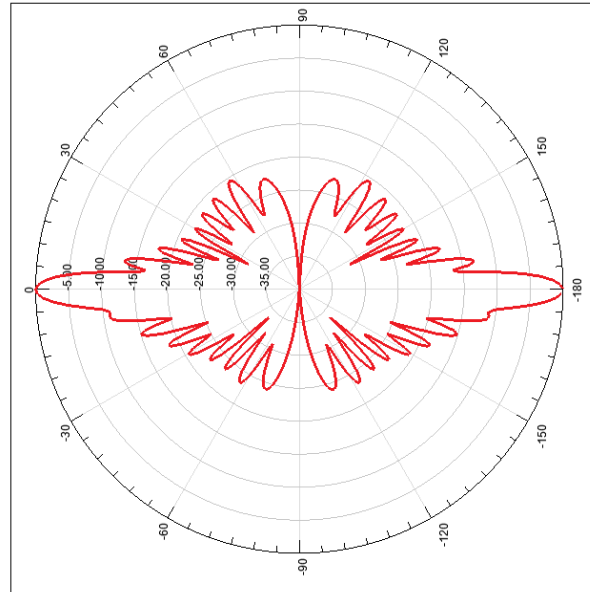
**ATC-GC7V100-X-Y-Z**

**X= Input Connector 7-16 DIN(f) D7 or 4.3-10 DIN(f) D4**

**Y=Beam Tilt (1-10)**

**Z=Null Fill NF**

**Standard Elevation Pattern**



**Heavy Null Fill**

