

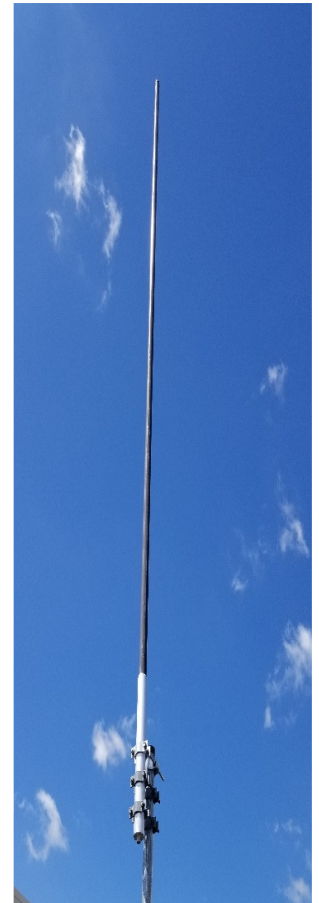
## 700/800 MHz V-POL Omni Antenna

- Stable Electrical performance across entire band
- High quality mechanical package provides IP 66 rating

Electrical Specifications	
Frequency Range	870-970 MHz
Gain	11.5 dBd
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	400 W
Vertical Beamwidth	5°
Horizontal Beamwidth	Omni +/-0.5 dB
Input	7-16 DIN Female D7 4.3-10 DIN Female D4 N-Type Female NF
Beam Tilt	0-10 degree options

Mechanical Specifications	
Configuration	Corporate Feed PC Dipole
Length	175"
Radome Diameter	2"
Weight	43 lbs
Shipping Weight	57 lbs
Shipping Dimensions	L 177" W 4" H 4"
Mounting Area	12.0" x 2.5" diam. aluminum
Suggested Clamps (not included)	PLMTKIT-1

Environmental Specifications	
Operating Temperature	-58° to +140°F (-50°C to 60°C)
IP Rating	66
Projected Area	2.43 ft <sup>2</sup> (no ice) 3.65 ft <sup>2</sup> (with ice)
Lateral Thrust @ 100mph	97 lbs-force
Wind Gust Rating	150 mph



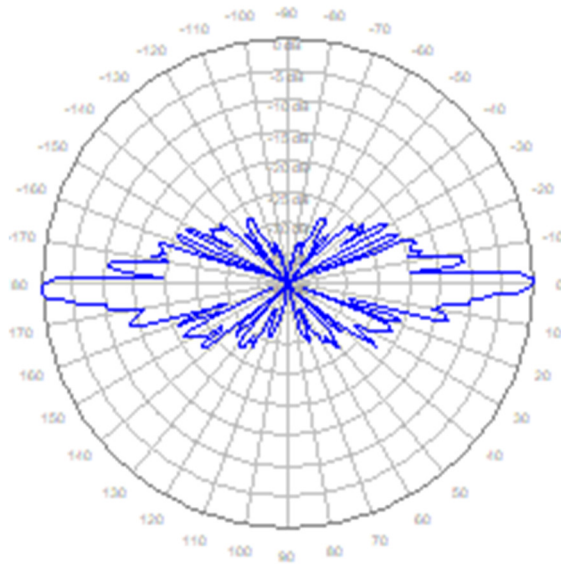
### ATC-GC9V120-**X-Y-Z**

**X** = Input Connector [D7 for 7-16 DIN(f); D4 for 4.3-10 DIN(f); NF for N-Type(f)]

**Y** = Beam Tilt [1-10]

**Z** = Null Fill [NF]

**Standard Null Fill Pattern**



**4° Tilt Pattern**

