

## UHF V-POL Unity Gain Omni Antenna

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

### Electrical Specifications

Frequency Range	Detail -1	380-400 MHz
	-2	400-420 MHz
	-3	450-470 MHz
	-4	470-490 MHz
	-5	490-520 MHz
	-6	440-460 MHz
Gain	0.0 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	250 W	
Vertical Beamwidth	115°	
Horizontal Beamwidth	Omni +/-0.25 dB	
Input	7-16 DIN Female	D7
	4.3-10 DIN Female	D4

### Mechanical Specifications

Configuration	Collinear Dipole	
Length	44"	
Radome Diameter	2.5"	
Weight	4.5 lbs	
Shipping Weight	12 lbs	
Shipping Dimensions	L	48"
	W	4"
	H	4"
Mounting Area	12.0" x 3.0" diam. aluminum	
Suggested Clamps (not included)	PLMTKIT	

### Environmental Specifications

Operating Temperature	-58° to +140°F (-50°C to 60°C)
IP Rating	66
Projected Area	0.47 ft2 (no ice)
	0.67 ft2 (with ice)
Lateral Thrust @ 100mph	19 lbs.
Wind Gust Rating	150 mph



ATC-GC4V10-**X**-**Y**

**X** = Frequency Detail [1-6]

**Y** = Input Connector [D7 for 7-16 DIN(f); D4 for 4.3-10 DIN(f)]

**Standard Elevation Pattern**

