

## UHF V-POL Omni Antenna

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

### Electrical Specifications

Frequency Range	Detail -0	380-400 MHz
	-1	400-420 MHz
	-2	450-470 MHz
	-3	470-490 MHz
Gain	5.5 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	500 W	
Vertical Beamwidth	20°	
Horizontal Beamwidth	Omni +/-0.25 dB	
Input	7-16 DIN Female	D7
	4.3-10 DIN Female	D4

### Mechanical Specifications

Configuration	Collinear Dipole	
Length	80"	
Radome Diameter	2.5"	
Weight	15 lbs	
Shipping Weight	20 lbs	
Shipping Dimensions	L	83"
	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	1.11 ft <sup>2</sup> (no ice)
	1.56 ft <sup>2</sup> (with ice)
Lateral Thrust @ 100mph	44 lbs.
Wind Gust Rating	150 mph

### ATC-GC4V40-**X**-**Y**

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

**Y** = Frequency Detail [0-3]



### Standard Elevation Pattern

