

## UHF V-POL Omni Antenna

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

Electrical Specifications		
Frequency Range	Detail -1	470-490 MHz
	-2	450-470 MHz
	-3	400-420 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	300 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	8 lbs
Shipping Weight	15 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	0.84 ft <sup>2</sup> (no ice)
	1.12 ft <sup>2</sup> (with ice)
Lateral Thrust @ 100mph	33 lbs.
Wind Gust Rating	150 mph



### ATC-GC4V30-**X**-**Y**

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

**Y** = Frequency Detail [1-5]

### Standard Elevation Pattern

