

## UHF V-POL Omni

- OEM Quality Broadband Performance
  - Rated for 500 Watts Continuous Power
  - -150 dBc PIM Rating
- Stable Electrical performance across entire band
- High quality mechanical package provides IP 66 rating

Electrical Specifications		
Frequency Range	-1	400-430 MHz
	-2	420-450 MHz
	-3	440-480 MHz
	-4	470-512 MHz
Gain	8 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	9°	
Horizontal Beamwidth	Omni +/- 0.25 dB	
Input	7-16 DIN Female	D7
	4.3-10 DIN Female	D4
Null Fill	10%	

Mechanical Specifications		
Configuration	Corporate Fed Dipole Array	
Length	168"	
Radome Diameter	2.5"	
Weight	36 lbs	
Shipping Weight	46 lbs	
Shipping Dimensions	L	172"
	W	4"
	H	4"
Mounting Area	24.0" x 3.0" diam. aluminum	
Suggested Clamps (not included)	PLMTKIT-1	

Environmental Specifications	
Operating Temperature	-40° to +140°F (-40°C to 60°C)
IP Rating	66
Projected Area	2.98 ft <sup>2</sup> (no ice) 3.97 ft <sup>2</sup> (with ice)
Lateral Thrust @ 100mph	119 lbs.
Wind Gust Rating	150 mph



### ATC-GC4V80-X-Y

X = Frequency Detail 1-4

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

### Standard Elevation Pattern

