

## 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	-0	380-410 MHz
	-1	400-430 MHz
	-2	420-450 MHz
	-3	440-480 MHz
	-4	470-512 MHz
Gain	6 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	18°	
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	94"	
Radome Diameter	2.5"	
Weight	20 lbs	
Shipping Weight	24 lbs	
Shipping Dimensions	L	98"
	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	1.5 ft <sup>2</sup> (no ice) 1.9 ft <sup>2</sup> (with ice)
Lateral Thrust @ 100mph	60 lbs.
Wind Gust Rating	150 mph



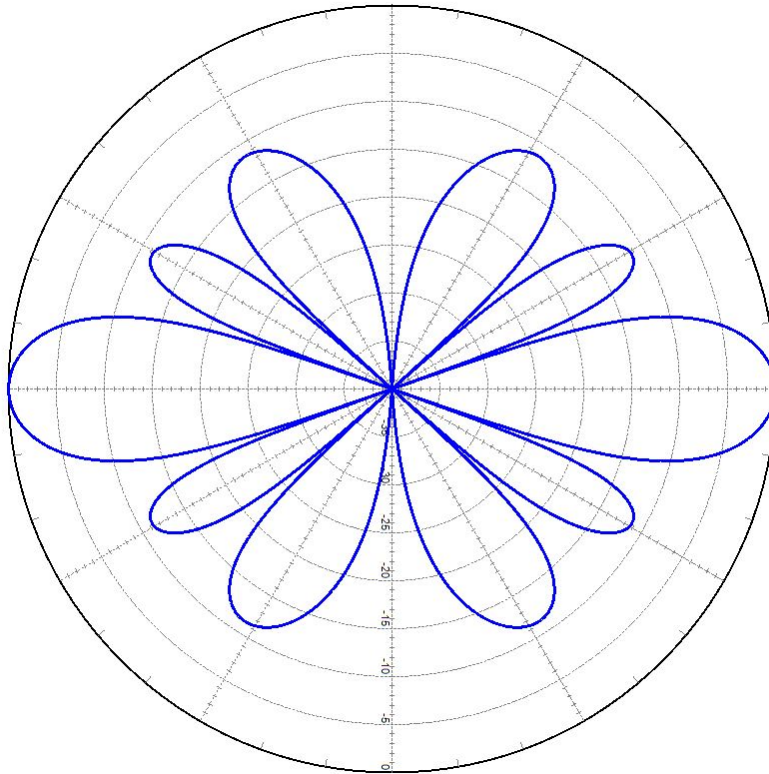
### ATC-GC4V60-X-Y-Z

**X** = Frequency Detail 0-4

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

**Z** = Beam Tilt 0-10

**Standard Elevation Pattern**



**3° Beam Tilt Elevation Pattern**

