

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	10 dBd	
VSWR (Return Loss)	<1.5:1 (14dB)	
Passive IM 3 rd Order (2x20W)	-150 dBc	
Peak Instantaneous Power (PIP)	25 kW	
Power Input	500 W	
Vertical Beamwidth	7°	
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	240"	
Radome Diameter	2.5"	
Weight	50 lbs	
Shipping Weight	65 lbs	
Shipping Dimensions	L	244"
	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	4.25 ft ² (no ice)
	5.67 ft ² (with ice)
Lateral Thrust @ 100mph	170 lbs.
Wind Gust Rating	150 mph



ATC-GC4V100-**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

