

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	450-470 MHz
	-4	470-512 MHz
Gain	9 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	
Elevation HPBW	7°	
Azimuth HPBW	Omni +/- 0.25 dB	
Input	7-16 DIN Female	D7
	4.3-10 DIN Female	D4

Mechanical Specifications

Configuration	Center Feed Collinear	
Length	210"	
Radome Diameter	2.5"	
Weight	39 lbs	
Shipping Weight	49 lbs	
Shipping Dimensions	L	214"
	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	2.35 ft ² (no ice) 3.27 ft ² (with ice)
Lateral Thrust @ 100mph	94 lbf
Wind Gust Rating	150 mph

ATC-GC4V90-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

