



VHF Collinear Omni Antenna

Electrical Specifications		
Frequency Range	-3	130-140 MHz
	-4	140-150 MHz
Gain	4.1 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	23°	
Horizontal Beamwidth	Omni +/-0.5 dB	
Input	7-16 DIN Female	D7
	4.3-10 DIN Female	D4

Mechanical Specifications		
Configuration	Collinear 4 dipoles Series fed	
Length	215"	
Radome Diameter	3.0"	
Weight	40 lbs	
Shipping Weight	71 lbs	
Shipping Dimensions	L	224"
	W	4"
	H	4"
Projected Area	5.3 ft ² (no ice) 6.6 ft ² (with ice)	
Lateral Thrust @ 100mph	130 lbs	
Mounting Area	20.0" x 3.5" diam. aluminum	
Suggested Clamps (not included)	PLMTKIT-1	
Wind Gust Rating	150 mph	

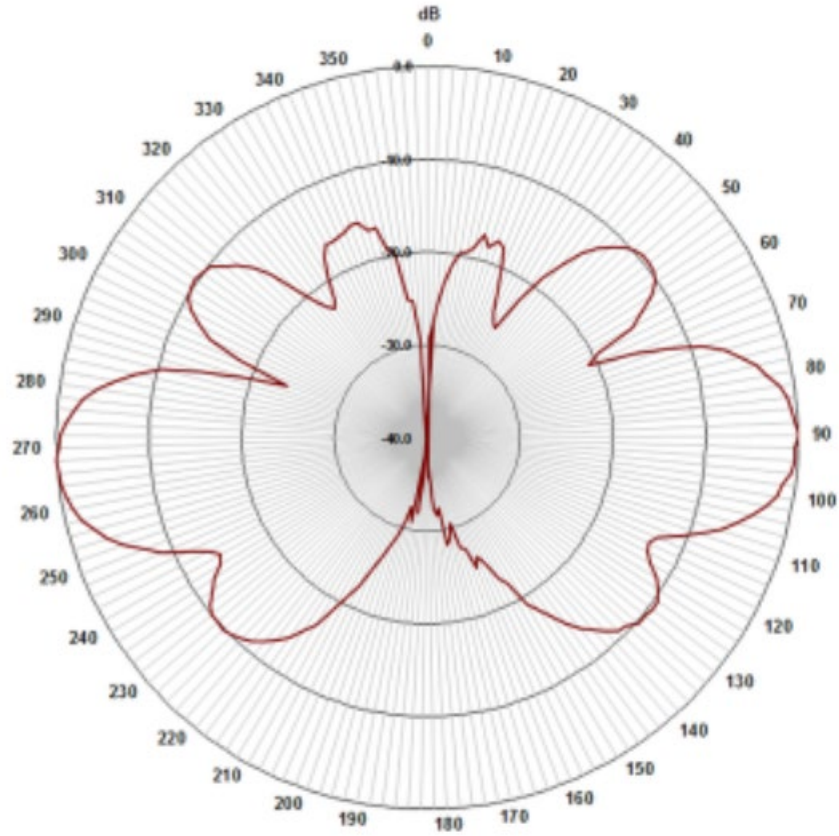


ATC-GC1V40-**X**-**Y**

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

Y = Frequency Detail [3-4]

Standard Elevation Pattern



Null Fill