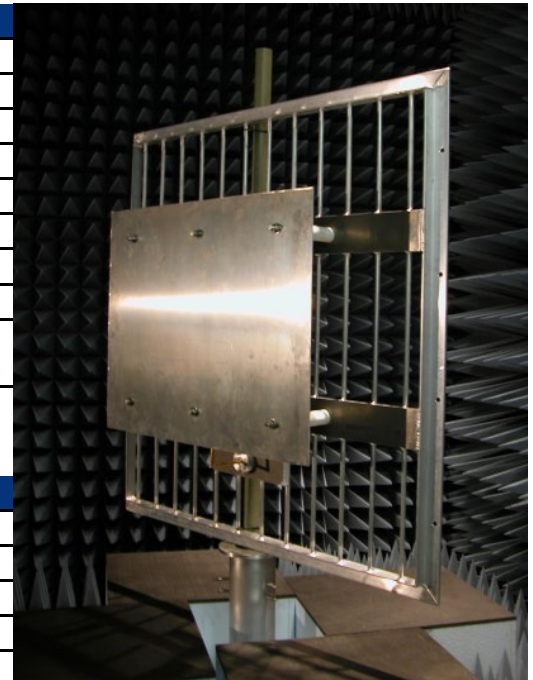


VHF V-POL Direction Antenna

- Stable Electrical performance across entire band
- High quality mechanical package provides IP 66 rating

Electrical Specifications	
Frequency Range	140-174 MHz
Gain	7.0 dBd
VSWR (Return Loss)	<1.5:1 (14dB)
Passive IM 3 rd Order (2x20W)	-150 dBc
Peak Instantaneous Power (PIP)	25 kW
Power Input	300 W
Vertical Beamwidth	65°
Horizontal Beamwidth	80°
Input	7-16 DIN Female D7 4.3-10 DIN Female D4



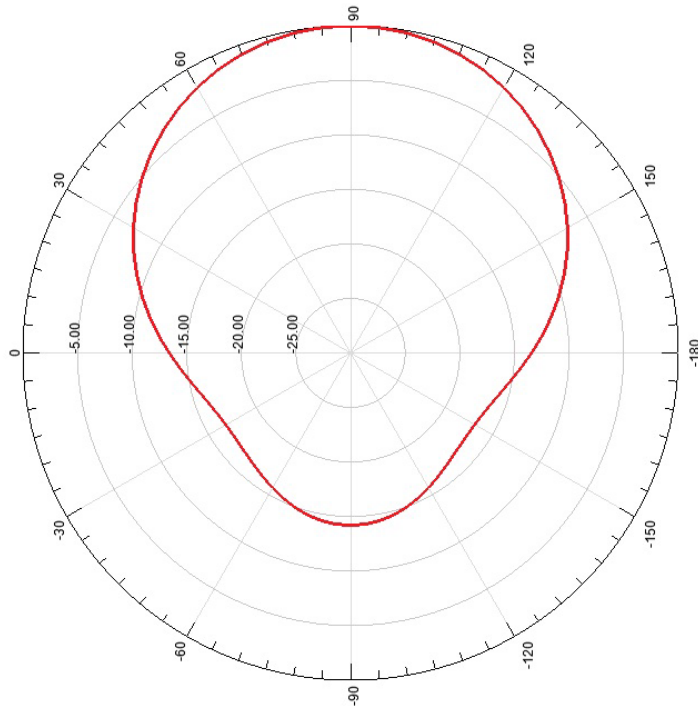
Mechanical Specifications	
Configuration	Prox Feed Patch
Length x Width x Height	52" x 52" x 10"
Weight	30 lbs
Shipping Weight	42 lbs
Shipping Dimensions	L 54" W 54" H 12"

Environmental Specifications	
Operating Temperature	-58° to +140°F (-50°C to 60°C)
IP Rating	66
Projected Area	6.2 ft ² (no ice)
Lateral Thrust @ 100mph	250 lbs.
Wind Gust Rating	150 mph

ATC-GP1V1C1-**X**

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

Standard Azimuth Pattern



Standard Elevation Pattern

