

700/800 MHz 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
- Available with null-fill and/or beam tilt configurations

Electrical Specifications

Frequency Range	746-870 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	500 W
Vertical Beamwidth	12°
Horizontal Beamwidth	Omni +/-0.25 dB
Input	7-16 DIN Female D7
	4.3-10 DIN Female D4
Beam Tilt	0-10 degree options

Mechanical Specifications

Configuration	Corporate Fed Dipole Array
Length	84"
Radome Diameter	2.5"
Weight	18 lbs
Shipping Weight	26 lbs
Shipping Dimensions	L 86"
	W 4"
	H 4"
Mounting Area	12.0" x 3.0" diam. aluminum
Suggested Clamps (not included)	PLMTKIT



Environmental Specifications

Operating Temperature	-40° to +140°F (-40°C to 60°C)
IP Rating	66
Projected Area	0.88 ft2 (no ice)
	1.21 ft2 (with ice)
Lateral Thrust @ 100mph	35 lbs.
Wind Gust Rating	150 mph

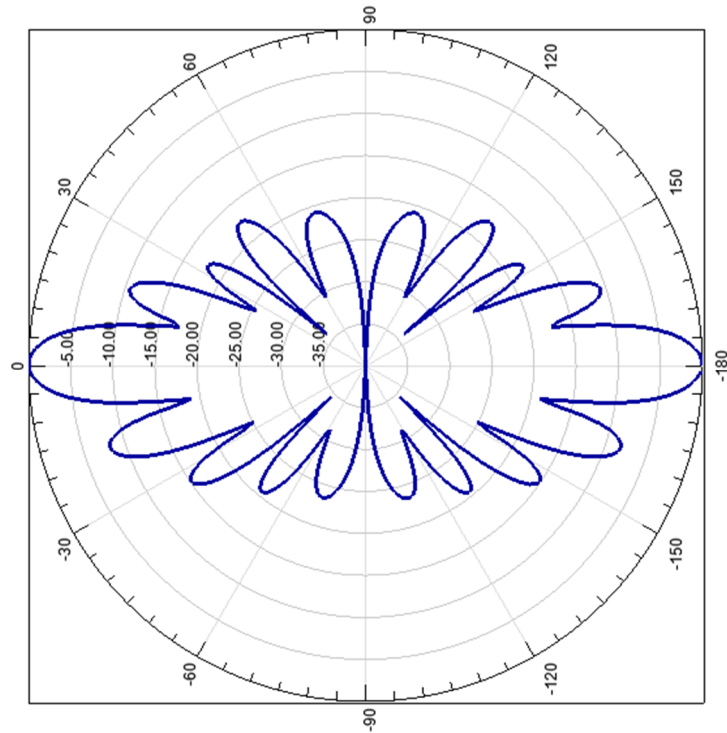
ATC-GC7V60-**X-Y-Z**

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

Y = Beam Tilt [1-10]

Z = Null Fill [NF]

Standard Elevation Pattern



Null Fill

