

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 | 740-870 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 |

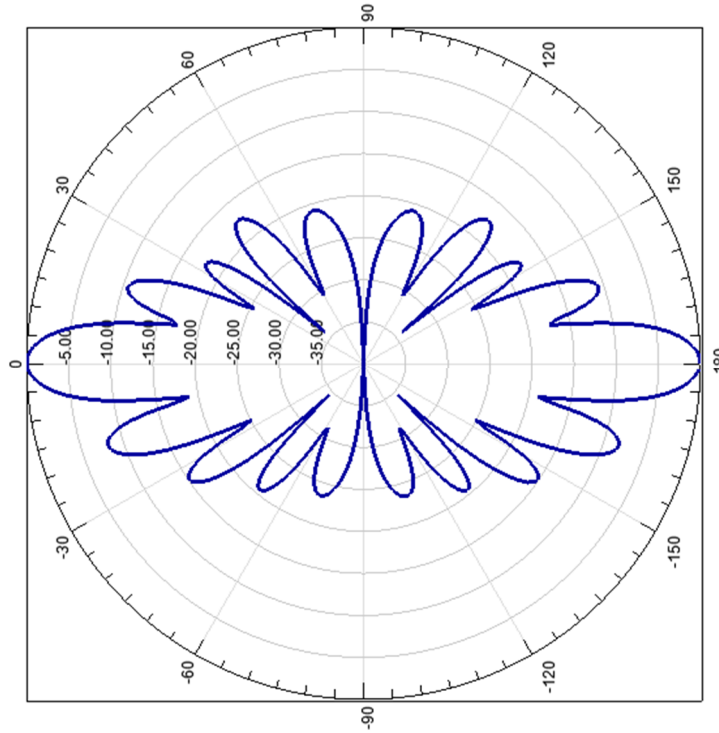
ATC-GC7V60-**X**-**Y**-**Z**

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

