

700/800 MHz Sector Antenna

- 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	746-870 MHz
Gain	9.9 dBd
VSWR (Return Loss)	<1.5:1 (14 dBd)
Passive IM 3 rd Order (2x20W)	-150 dBc
Peak Instantaneous Power (PIP)	25kW
Power Input	500 W
Polarization	Vertical
Vertical Beamwidth	33°
Horizontal Beamwidth	70°
Front to Back Ratio	-16 dB
Input	-D4 4.3-10 DIN Female -D7 7-16 DIN Female
Beam Tilt	0°

Mechanical Specifications

Configuration	Corporate Feed Panel
Length x Width x Height	28.3" x 11" x 3"
Weight	13.2 lbs
Shipping Weight	16.5 lbs
Shipping Dimensions	L 31.2" W 13.3" H 7"



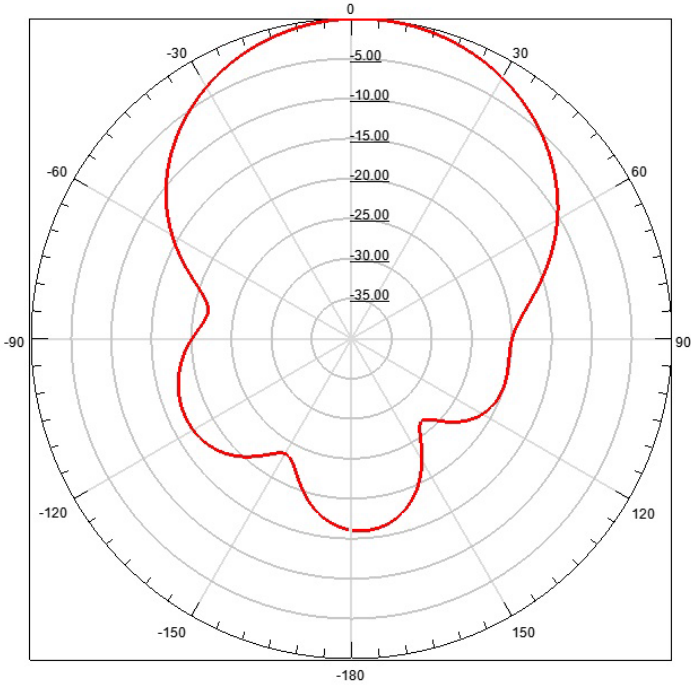
Environmental Specifications

Operating Temperature	-40° to +140°F (-40°C to 60°C)
IP Rating	66
Projected Area	2.1 ft ² (no ice) 2.4 ft ² (with ice)
Lateral Thrust @ 100mph	86 lbs.
Wind Gust Rating	150 mph

ATC-GC7V100-**X**

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

Azimuth Pattern



Elevation Pattern

