

**924-70-10.0-DF\*2**

- 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	420-450 MHz
Gain	10 dBd
VSWR (Return Loss)	<1.5:1 (14dB)
Passive IM 3 <sup>rd</sup> Order (2x20W)	-150 dBc
Peak Instantaneous Power (PIP)	25 kW
Power Input	500 W
Vertical Beamwidth	7°
Horizontal Beamwidth	Omni +/- 0.25 dB
Input	7/16 DIN Female
Null Fill	10%

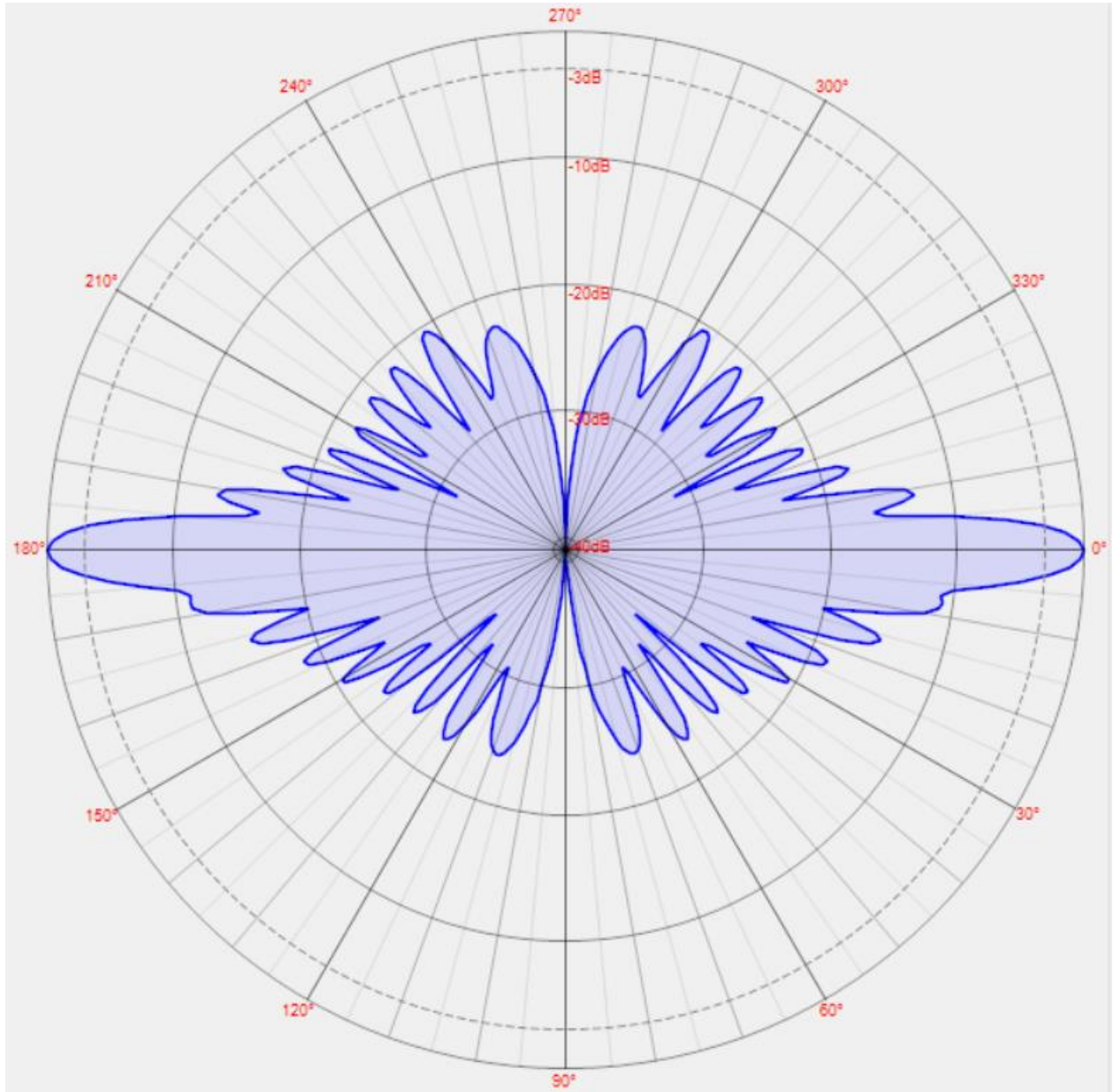
**Mechanical Specifications**

Configuration	Corporate Fed Dipole Array
Length	240"
Radome Diameter	2.5"
Weight	50 lbs
Shipping Weight	65 lbs
Shipping Dimensions	L 244" W 4" H 4"
Mounting Area	24.0" x 3.0" diam. aluminum
Suggested Clamps (not included)	112-85

**Environmental Specifications**

Operating Temperature	-40° to +140°F (-40°C to 60°C)
IP Rating	66
Projected Area	4.25 ft2 (no ice) 5.67 ft2 (with ice)
Lateral Thrust @ 100mph	170 lbs.
Wind Gust Rating	150 mph





Standard Elevation Pattern