

**BASE STATION ANTENNAS**

**924-70-2.5-DF\*1**

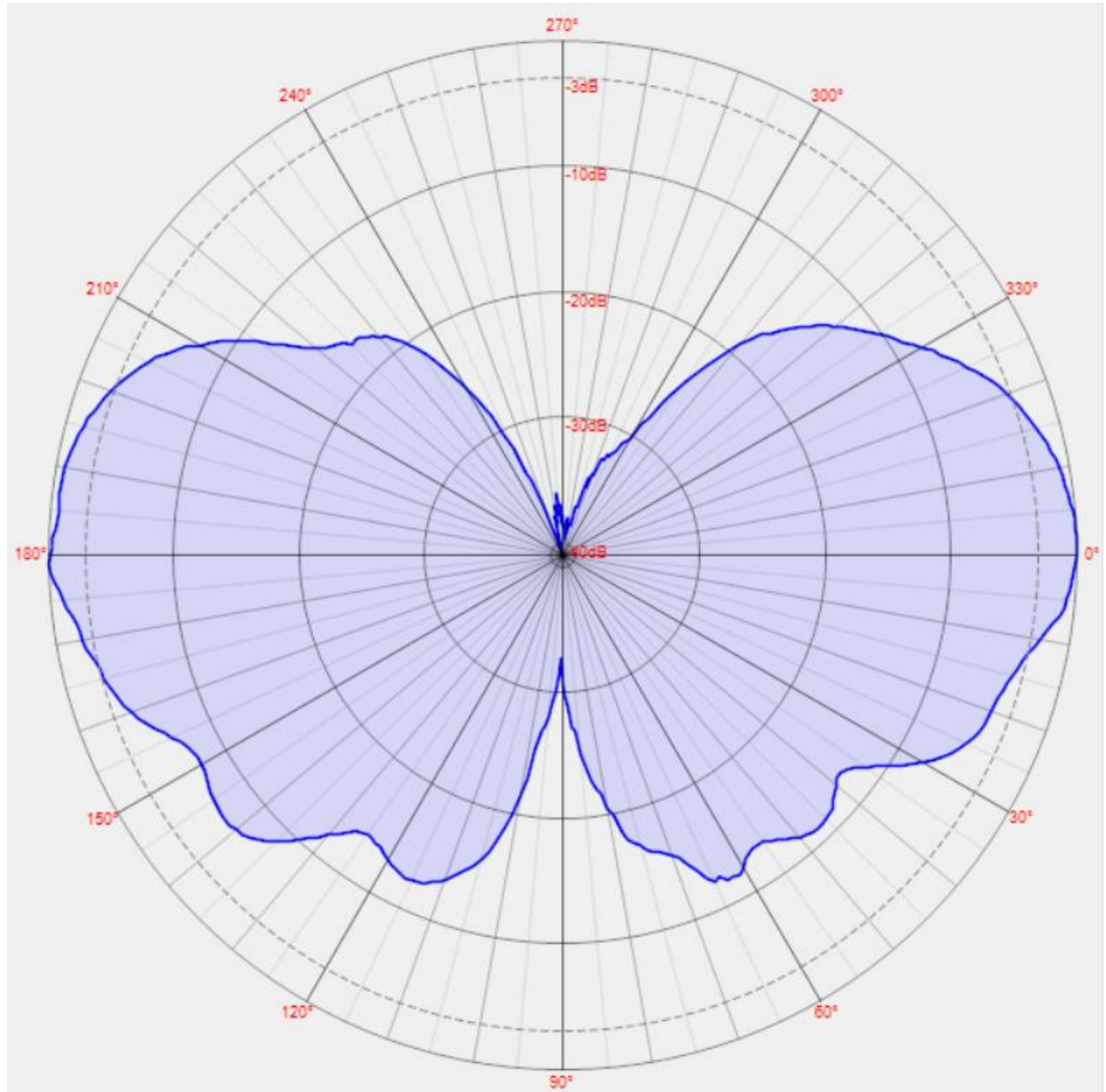
The Null Fill is optional, the Down tilt degrees available from 1 to 10 in one degree increment.

Electrical Specifications	924-70-2.5-DF*1
Frequency Range	380-400 MHz
Gain	2.5 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	300 W
Vertical Beamwidth	28°
Horizontal Beamwidth	Omni +/-0.25 dB
Input	7/6 DIN Female
Radome Material	Fiberglass Pultrusion

Mechanical Specifications	924-70-2.5-DF*1
Configuration	Collinear Dipole Array
Length	61"
Radome Diameter	2.5"
Weight	10 lbs
Shipping Weight	15 lbs
Shipping Dimensions	L 63" W 4" H 4"
Mounting Area	12.0" x 3.0" diam. aluminum
Suggested Clamps (not included)	107-85

Environmental Specifications	924-70-2.5-DF*1
Operating Temperature	-58° to +140°F (-50°C to 60°C)
IP Rating	66
Projected Area	0.85 ft2 (no ice) 1.72 ft2 (with ice)
Lateral Thrust @ 100mph	34 lbs.
Wind Gust Rating	150 mph





Standard Elevation Pattern