

**BASE STATION ANTENNAS**

**927-70-10.5-DF**

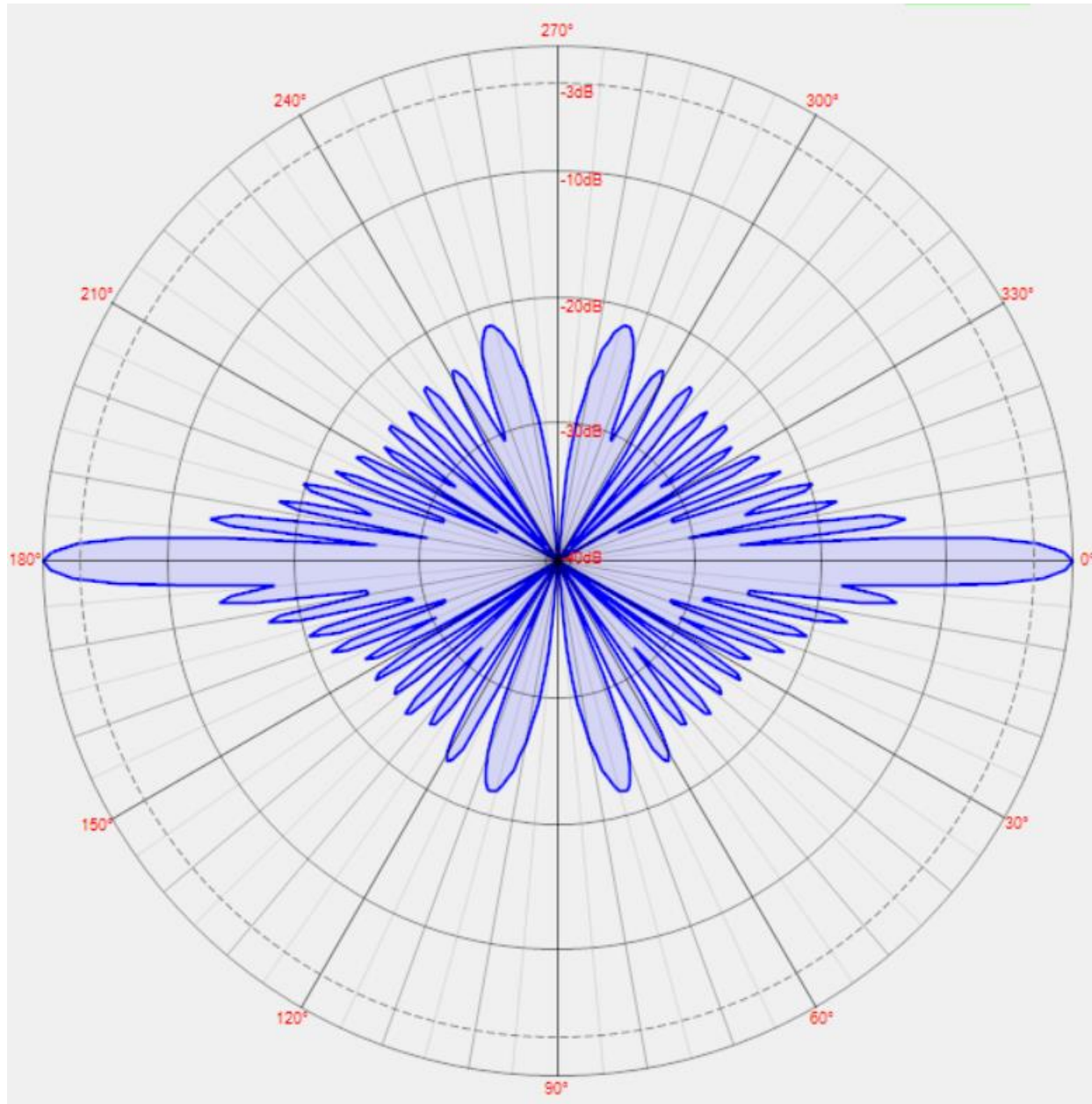
The Null Fill is optional, the Down tilt degrees available from 1 to 10 in one degree increment.

Electrical Specifications	927-70-10.5-DF
Frequency Range	740-870 MHz
Gain	10.5 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	500 W
Vertical Beamwidth	4.5°
Horizontal Beamwidth	Omni +/-0.5 dB
Input	7/16 DIN Female
Beam Tilt	0-10 degree options

Mechanical Specifications	927-70-10.5-DF
Configuration	Corporate Fed Dipole Array
Length	184"
Radome Diameter	3.0"
Weight	32 lbs
Shipping Weight	46 lbs
Shipping Dimensions	L 186" W 4" H 4"
Mounting Area	24.0 x 3.5" diam. aluminum
Suggested Clamps (not included)	112-85

Environmental Specifications	927-70-10.5-DF
Operating Temperature	-40° to +140°F (-40°C to 60°C)
IP Rating	66
Projected Area	3.83 ft2 (no ice) 5.11 ft2 (with ice)
Lateral Thrust @ 100mph	153 lbs.
Wind Gust Rating	150 mph





Standard Elevation Pattern



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