

**BASE STATION ANTENNAS**

**927-70-8.0-DM**

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

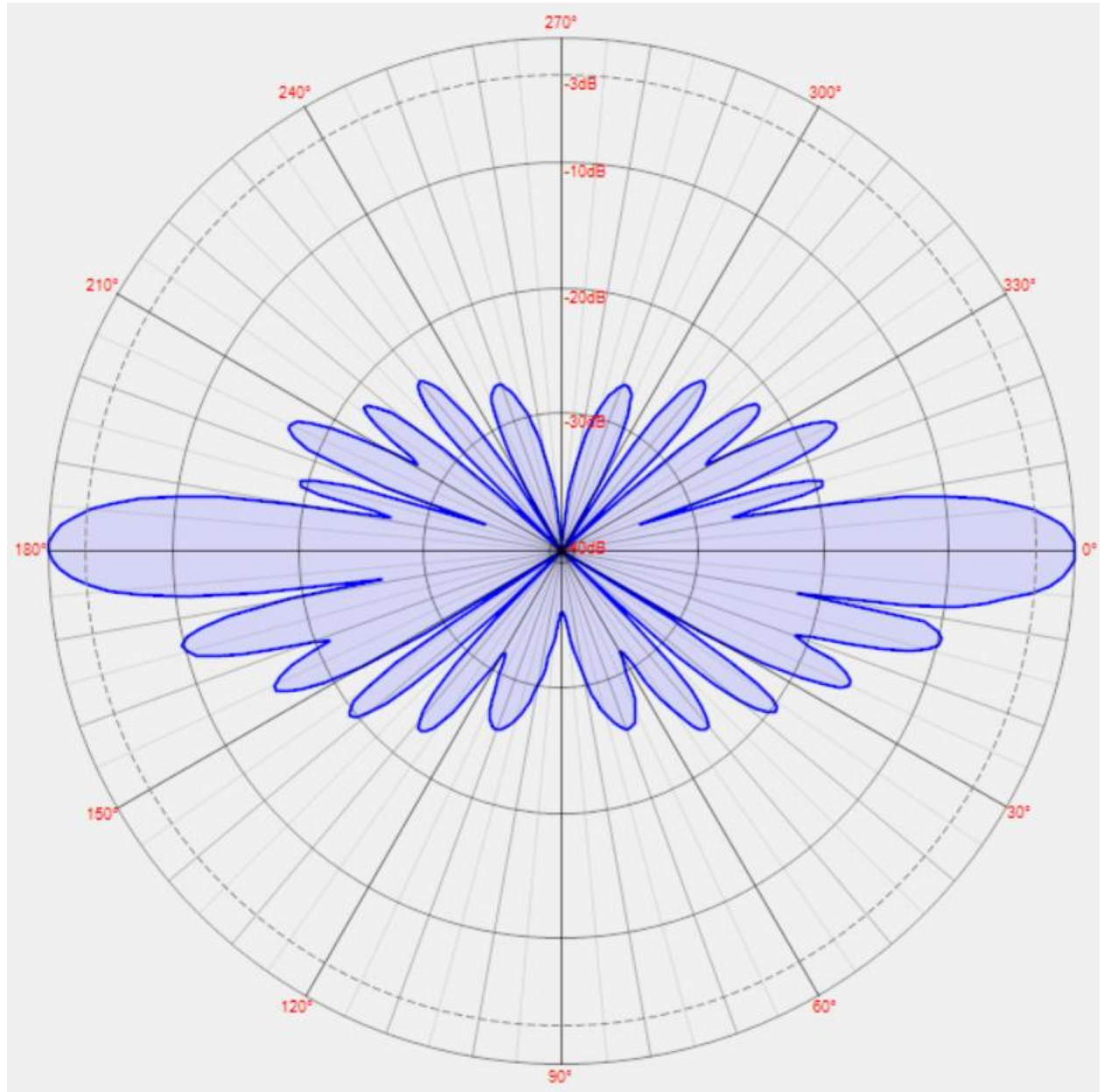
<b>Electrical Specifications</b>	<b>927-70-8.0-DM</b>
Frequency Range	740-870 MHz
Gain	8.0 dBd
VSWR (Return Loss)	<1.5:1 (14dB)
Passive IM 3 <sup>rd</sup> Order (2x20W)	-150 dBc
Peak Instantaneous Power (PIP)	25 kW
Power Input	500 W
Vertical Beamwidth	9°
Horizontal Beamwidth	Omni +/-0.5 dB
Input	7/16 DIN Male
Beam Tilt	0-10 degree options

<b>Mechanical Specifications</b>	<b>927-70-8.0-DM</b>
Configuration	Corporate Fed Dipole Array
Length	115"
Radome Diameter	3.0"
Weight	25 lbs
Shipping Weight	35 lbs
Shipping Dimensions	L 117" W 4" H 4"
Mounting Area	12.0 x 3.0" diam. aluminum

Suggested Clamps (not included)	112-85
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<b>Environmental Specifications</b>	<b>927-70-8.0-DM</b>
Operating Temperature	-40° to +140°F (-40°C to 60°C)
IP Rating	66
Projected Area	2.4 ft2 (no ice) 3.2 ft2 (with ice)
Lateral Thrust @ 100mph	48 lbs.
Wind Gust Rating	150 mph





Standard Elevation Pattern