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| **PUBLIC SAFETY COLLINEAR OMNI ANTENNA 746-869 MHz** |

A blue circle with white text

Description automatically generatedA black background with white text

Description automatically generated

**927-70-7.0-43F**

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



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| **Electrical** **Specifications** | **927-70-7.0-43F** | | |
| Frequency Range | 740-870 MHz | |  |
| Gain | 7.0 dBd | |  |
| VSWR (Return Loss) | <1.5:1 (14dB) | |  |
| Passive IM 3rd Order (2x20W) | -150 dBc | |  |
| Peak Instantaneous Power (PIP) | 25 kW | |  |
| Power Input | 500 W | |  |
| Vertical Beamwidth | 12° | |  |
| Horizontal Beamwidth | Omni +/-0.25 dB | |  |
| Input | 4.3-10 Female | |  |
| Beam Tilt | 0-10 degree options | |  |
|  |  | |  |
| **Mechanical** **Specifications** | **927-70-7.0-43F** | |  |
| Configuration |  | Corporate Fed Dipole Array | |
| Length |  | 84” | |
| Radome Diameter |  | 2.5” | |
| Weight |  | 18 lbs | |
| Shipping Weight |  | 26 lbs | |
| Shipping Dimensions | L | 86” | |
|  | W | 4” | |
|  | H | 4” | |
| Mounting Area |  | 12.0” x 3.0” diam. aluminum | |

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| **PUBLIC SAFETY COLLINEAR OMNI ANTENNA 740-870 MHz** |

**Environmental** **Specifications 927-70-7.0-43F**

**927-70-7.0-43F**

**927-70-7.0-43F**

**927-70-7.0-43F**

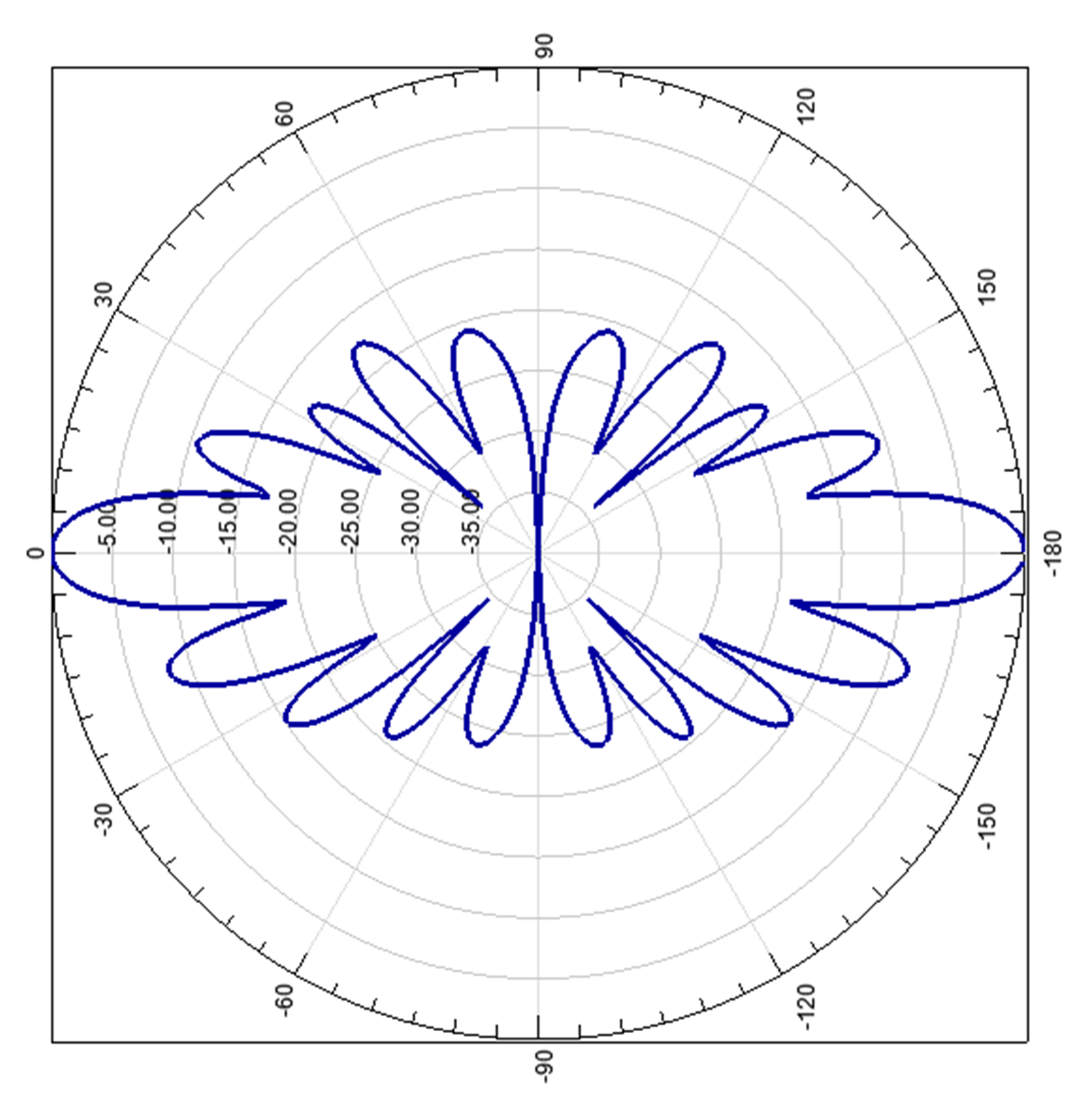
IP Rating 66

Projected Area 0.88 ft2 (no ice)

1.21 ft2 (with ice)

Lateral Thrust @ 100mph 35 lbs.

Wind Gust Rating 150 mph



**Standard Elevation Pattern**

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| **PUBLIC SAFETY COLLINEAR OMNI ANTENNA 740-870 MHz** |

A graph with a butterfly shape

Description automatically generated with medium confidence

**Null Fill**