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

A black background with white text

Description automatically generated

**929-70-10.0-43M**

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

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



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| **Electrical Specifications** | **929-70-10.0-43M** |
| Frequency Range | 870-970 MHz |
| Gain | 10 dBd |
| VSWR (Return Loss) | <1.5:1 (14dB) |
| Passive IM 3rd Order (2x20W) | -150 dBc |
| Peak Instantaneous Power (PIP) | 25 kW |
| Power Input | 400 W |
| Vertical Beamwidth | 6° |
| Horizontal Beamwidth | Omni +/-0.5 dB |
| Input | 4.3-10 Male |
| Beam Tilt | 0-10 degree options |

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| **Mechanical Specifications**  **929-70-10.0-43M** | | |
| Configuration |  | Corporate Feed PC Dipole |
| Length |  | 150” |
| Radome Diameter |  | 2” |
| Weight |  | 25 lbs |
| Shipping Weight |  | 39 lbs |
| Shipping Dimensions | L W H | 152”  4”  4” |
| Mounting Area |  | 12.0” x 2.5” diam. aluminum |
| Suggested Clamps (not included) | | 112-85 |

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| **Environmental Specifications** | **929-70-10.0-43M** |
| Operating Temperature | -58° to +140°F (-50°C to 60°C) |
| IP Rating | 66 |
| Projected Area | 2.08 ft2 (no ice)  3.13 ft2 (with ice) |
| Lateral Thrust @ 100mph | 83 lbs-force |
| Wind Gust Rating | 150 mph |

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| **PUBLIC SAFETY COLLINEAR OMNI ANTENNA 870-970 MHz** |

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Description automatically generated with medium confidence

Standard Elevation Pattern