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



**929-70-10.0-DF**

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

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



|  |  |
| --- | --- |
| **Electrical Specifications** |  **929-70-10.0-DF** |
| 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 |  7/16 DIN Female  |
| Beam Tilt | 0-10 degree options |

|  |
| --- |
| **Mechanical Specifications**  **929-70-10.0-DF** |
| 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 |

|  |  |
| --- | --- |
| **Environmental Specifications** |  **929-70-10.0-DF** |
| 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 |

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

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



 Standard Elevation Pattern