

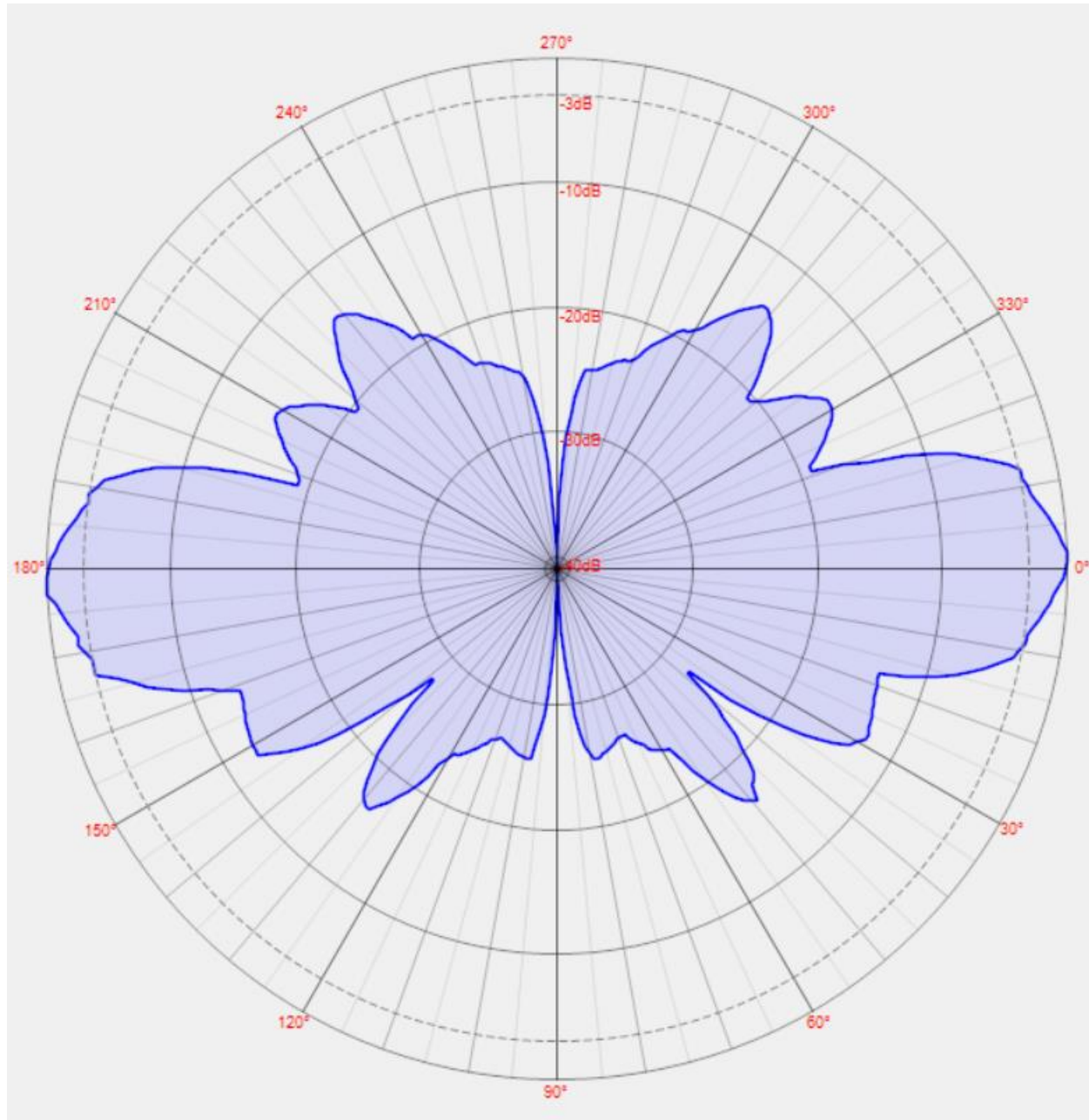
**921-70-4.1-DM\*2**

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

| Electrical Specifications                | 921-70-4.1-DM*2  |
|--|------------------|
| Frequency Range                          | 140---150 MHz    |
| Gain                                     | 4.1 dBd          |
| Nominal Impedance                        | 50 Ω             |
| Antenna Isolation                        | N/A              |
| Tuned Bandwidth                          | Entire band      |
| VSWR (Return loss)                       | < 1.5:1 (14dB)   |
| Down Tilt                                | N/A              |
| Passive IM 3 <sup>rd</sup> order (2x20W) | -150 dBc         |
| Peak Instantaneous Power                 | 25               |
| kW                                       |                  |
| Power Input                              | 500 W            |
| Vertical Beamwidth                       | 23°              |
| Horizontal Beamwidth                     | Omni +/----0.5dB |
| Input                                    | 7/16 DIN Male    |

| Mechanical Specifications                | 921-70-4.1-DM*2  |       |
|--|--|-------|
| Configuration                            | Collinear Dipole Series fed                                |       |
| Length                                   | 204"   |       |
| Radome Diameter                          | 3.00"  |       |
| Weight                                   | 38 lbs   |       |
| Shipping Weight                          | 75 lbs   |       |
| Shipping Dimensions                      | H  | 4.00" |
|  | W  | 4.00" |
|  | L  | 211"  |
| Projected Area                           | 5.0ft <sup>2</sup> (no ice), 6.3ft <sup>2</sup> (with ice) |       |
| Lateral Thrust @ 100mph                  | 123 lbs  |       |
| Torque @ 100mph ft-lbs                   | 759  |       |
| Mounting Area                            | 30.00" x 3.50" diam.                                       |       |
| Aluminum Suggested Clamps (not included) | 112-85   |       |
| Wind Gust Rating                         | 149 mph  |       |





Tel: US 1.877.825.2007 / CAN 1.800.603.1454

Email: sales@comprod.com

Fax: 1.800.554.1033

[www.comprod.com](http://www.comprod.com)