

The MPDP700X4AD broadband dipole antenna is designed to be used in military manpack, commercial, and other body or vest mounted applications where reliability is needed most. This antenna works with all radios within the 700-2500 MHz band and is provided with state-of-the-art radiating elements essential for maximum reliability and superior performance.

Being broadband and compact for its frequency of operation, this antenna is ideal for clandestine operations. The sleek profile allows for ideal placement in packs, vests, jackets, or other compartments. In addition, the base includes a rugged flexible gooseneck for positioning adjustments.

Robust and tough, this antenna is housed in a thick UV stable radome and is constructed from corrosion resistant materials for reliability in the harshest environments.



**Features**

- Broadband
- Low VSWR
- Robust Construction
- Plug & Play

**Electrical Specifications**

|                   |  |
|-------------------|--|
| Frequency         | 700-2500 MHz                                   |
| Polarization      | Vertical                                       |
| Impedance         | 50 Ω Nominal                                   |
| VSWR              | 2.5:1 Typical<br>2.0:1 806-960 & 1710-1990 MHz |
| Gain              | 0.0 ~ 2.0 dBi +/- 1                            |
| Radiation Pattern | Azimuth 360°<br>Elevation 75°                  |
| Power             | 20 Watts PEP                                   |
| Connector         | Type N Male (Other Connectors Available)       |

**Mechanical Specifications**

|        |  |
|--------|--|
| Design | Dipole                                   |
| Height | 15 in. (0.38 m)                          |
| Radome | 2.25 in. Oval (57.2 mm)                  |
| Weight | 0.6 lb. (0.27 kg)                        |
| Mount  | Type N Male (Other Connectors Available) |
| Color  | Black/Green/Tan/Grey                     |

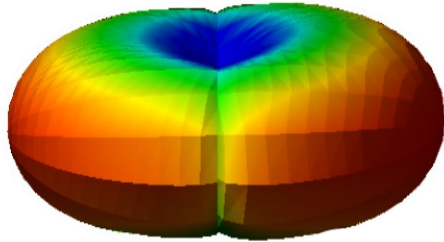
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\*\*Specifications are subject to change without prior notice.

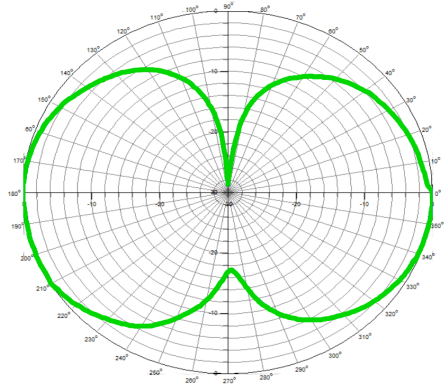


**Pattern**

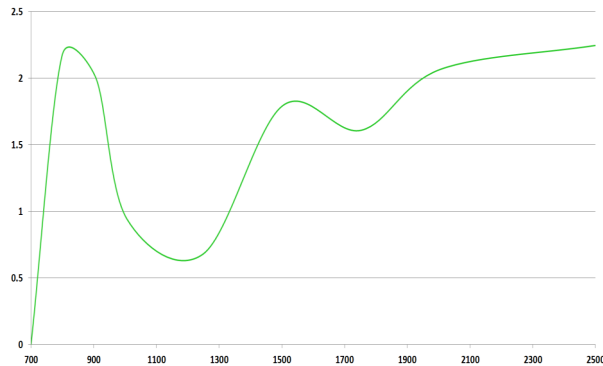
**3D REFERENCE**



**ELEVATION PATTERN REFERENCE**



**Gain**



**VSWR**

