

The MPDP1.75-1.85-4 antenna is designed to be used with radio systems operating in the 1750-1850MHz band. The antenna is designed with a state of the art radiating element for maximum efficiency. Built robust and tough, this antenna is housed in a thick UV stable radome and is constructed from corrosion resistant material for reliability in the harshest environments and also designed to meet the rigors of MIL-STD-810.



**Features**

- IP 68
- VSWR <2:1
- 360° Rotating Gooseneck
- Consistent Gain across the band
- Adaptable to other platforms

**Electrical Specifications**

|              |   |
|--------------|---|
| Frequency    | 1750-1850MHz                                      |
| Polarization | Vertical  |
| Impedance    | 50Ω   |
| VSWR         | <2:1 Typical                                      |
| Gain         | 4dBi +.5  |
| Pattern      | Omni Directional<br>Azimuth 360°<br>Elevation 45° |
| Power        | 20 Watts  |
| Connector    | TNC-M   |

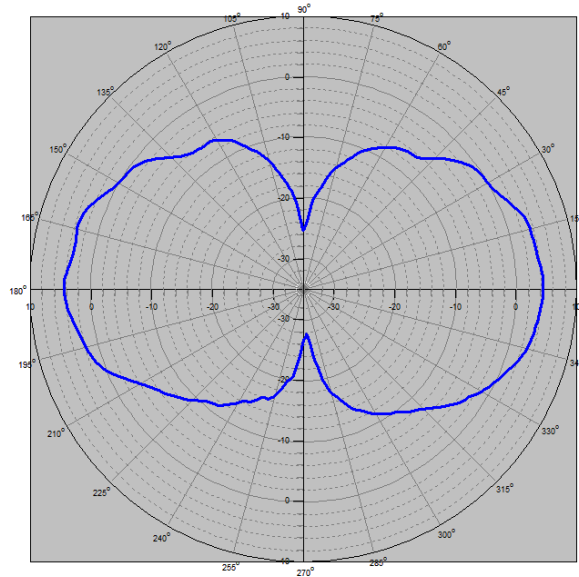
**Mechanical Specifications**

|        |                      |
|--------|----------------------|
| Design | Dipole               |
| Height | 13-1/8 in. (.33m)    |
| Radome | 1.12in. X.5 in. Oval |
| Weight | 4oz. (112 g)         |
| Color  | Black/Green/Tan/Grey |

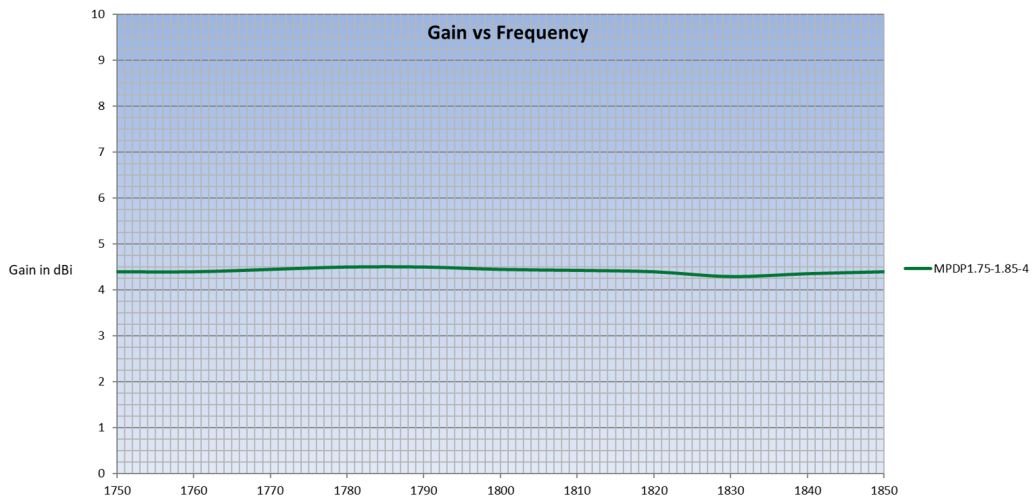
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 \*\*Specifications are subject to change without prior notice.



**Pattern Reference**



**Gain**



**VSWR**

