

Manpack Antenna



The MPDP2.4-2.5 antenna is designed to be used in military manpack, commercial, and other body, vest or handheld mounted applications where reliability is needed most. This antenna works with all radios within the 2400-2500 MHz bands.

Being 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 ruggedized flex section for quick positioning and return. It is also built to meet MIL-STD-810F.

The antenna is provided with state-of-the-art radiating elements essential for maximum reliability and superior performance.

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.

- **Low Profile**
- **Low VSWR**
- **Build to meet MIL-STD-810F**
- **Stable Gain**
- **Digital Ready**



Manpack Antenna

Specifications

ELECTRICAL:

| | |
|---------------------------|---|
| Frequency Range: | 2400-2500 MHz |
| Gain: | 2.0 dBi +/- .5 4dBi optional / slightly longer |
| VSWR: | < 2.0:1 Typical |
| Input Impedance: | 50 Ω Nominal |
| Power: | 20 Watts |
| Polarization: | Vertical |
| Radiation Pattern: | Azimuth: 360° Elevation: 65° |

Input Connector: Type TNC Male

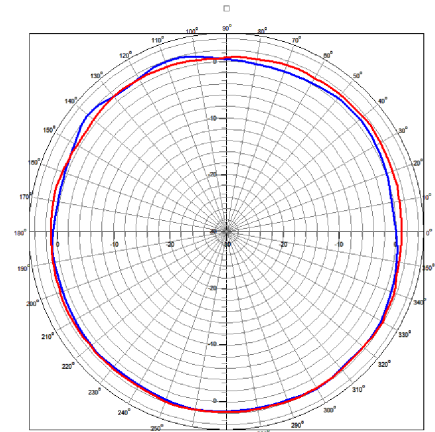
MECHANICAL:

| | |
|----------------------------|---|
| Overall Height: | 10.1 in. (256 mm) |
| Antenna Length: | 5.9 in. (150 mm) |
| Radome: | 1.2 in. Oval (30 mm) |
| Net Weight: | 3.2 oz. (91 g) |
| Compliance: | Built to meet: MIL-STD-810F |
| Color: | Black/Green/Tan/Grey |
| Deflection at Base: | +/- 90° |
| Mounting: | Type TNC Male (SMA or Type N Optional) |

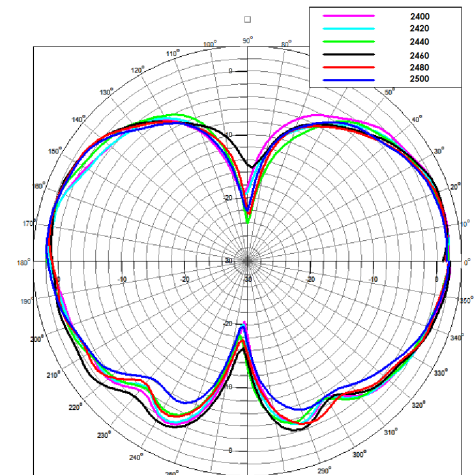
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**Specifications are subject to change without prior notice.

H-PLANE PATTERN REFERENCE



E-PLANE PATTERN REFERENCE



VSWR

