

## Manpack Antenna



The MPDP4.4-6.0 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 4400-6000 MHz band.

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 this antenna is 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**
- **Designed for Vest Compartments**
- **Low VSWR**
- **Built to meet MIL-STD-810F**
- **Digital Ready**



## Manpack Antenna

### Specifications

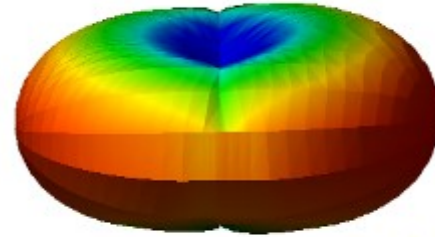
#### ELECTRICAL:

Frequency Range:	4400-6000 MHz
Gain:	3.0 ~ 5.0 dBi
VSWR:	< 2.0:1 Typical
Input Impedance:	50 $\Omega$ Nominal
Power:	25 Watts PEP
Polarization:	Vertical
Radiation Pattern:	Azimuth: 360° Elevation: 36°
Input Connector:	Type SMA Female

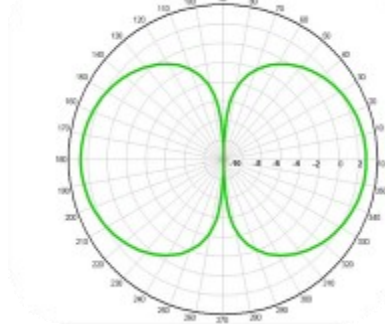
#### MECHANICAL:

Overall Height:	6 in. (152 mm)
Radome:	1.5 in. Oval (38 mm)
Net Weight:	2.25 oz. (64 g)
Compliance:	Built to meet: MIL-STD-810F
Color:	Black/Green/Tan/Grey
Mounting:	Type SMA Female

3D REFERENCE



ELEVATION PATTERN REFERENCE



\*\*All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.

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



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(1Y18150)

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