

Manpack Antenna



The MPDP2.2-5.85 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 2200-2500, 4400-4950 & 5250-5850 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 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**
- **Submersible***



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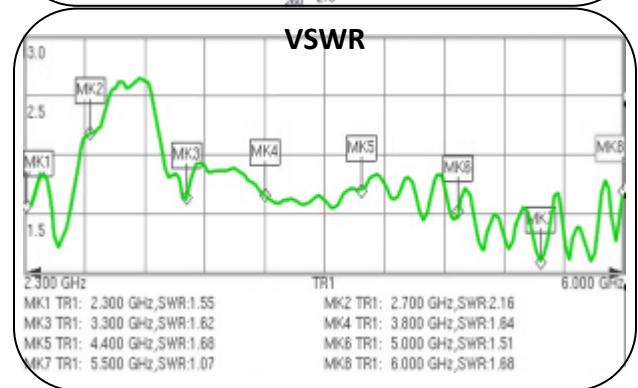
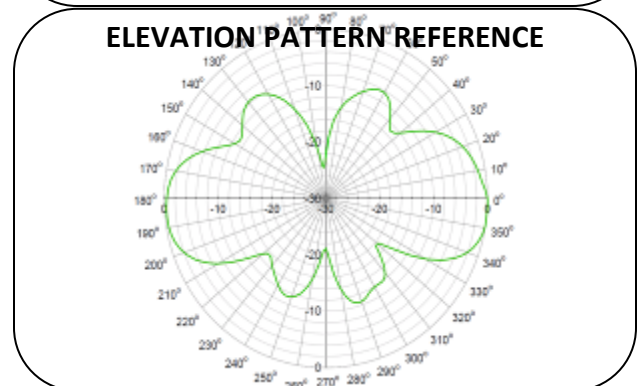
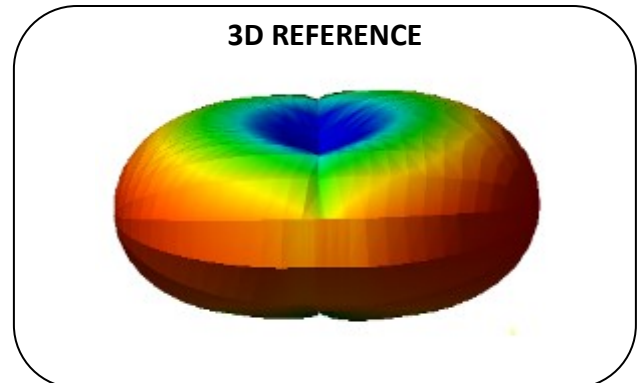
Specifications

ELECTRICAL:

Frequency Range:	2200-2500, 4400-4950, 5250-5850 MHz
Gain:	0.0 dBi +/- .5 @ 2200 MHz 3.0 dBi +/- .5 @ 4600 MHz 3.0 dBi +/- .5 @ 5700 MHz
VSWR:	< 2.0:1 Typical 2.5:1 Maximum
Input Impedance:	50 Ω Nominal
Power:	10 Watts PEP
Polarization:	Vertical
Radiation Pattern:	Azimuth: 360° Elevation: 55°
Input Connector:	Type TNC Female

MECHANICAL:

Overall Height:	7 in. (177 mm)
Radome:	1.2 in. Oval (30 mm)
Net Weight:	4.25 oz. (120 g)
Compliance:	Built to meet: MIL-STD-810F
Color:	Black/Green/Tan/Grey
*Water Ingress:	~ 2 meters @ 30 min. duration.
Mounting:	Type TNC Female



**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.



Made in the USA
ISO 9001:2008 Certified
(1Y17400)

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