

## Manpack Antenna



The MPDP1625-1850 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 1625-1850 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, and 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**



## Manpack Antenna

### Specifications

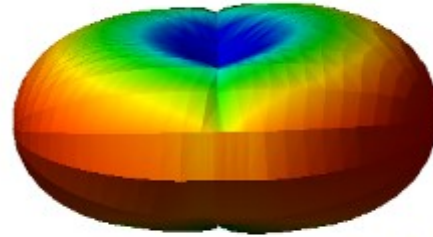
#### ELECTRICAL:

Frequency Range:	1625-1850 MHz
Gain:	2.0 ~ 4.0 dBi
VSWR:	< 2.0:1 Typical
Input Impedance:	50 $\Omega$ Nominal
Power:	10 Watts PEP
Polarization:	Vertical
Radiation Pattern:	Azimuth: 360° Elevation: 55°
Input Connector:	Type TNC Female

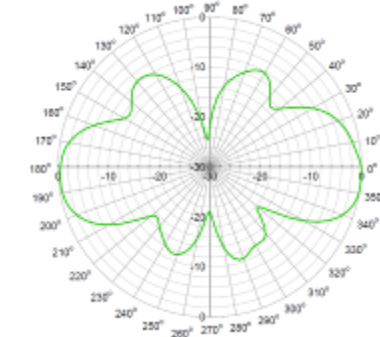
#### MECHANICAL:

Overall Height:	7 in. (0.18 m)
Radome:	1.2 in. Oval (30 mm)
Net Weight:	4.25 oz. (120 g)
Compliance:	Built to meet: MIL-STD-810F
Water Ingress:	~ 2 meters @ 30 min. duration.
Color:	Black/Green/Tan/Grey
Mounting:	Type TNC 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.



Made in the USA  
ISO 9001:2008 Certified  
(1Y17350)

P.O. Box 909, Palmetto, Florida 34220-0909  
Tel: 941-723-2833 • Fax: 941-723-1628  
www.hascall-denke.com