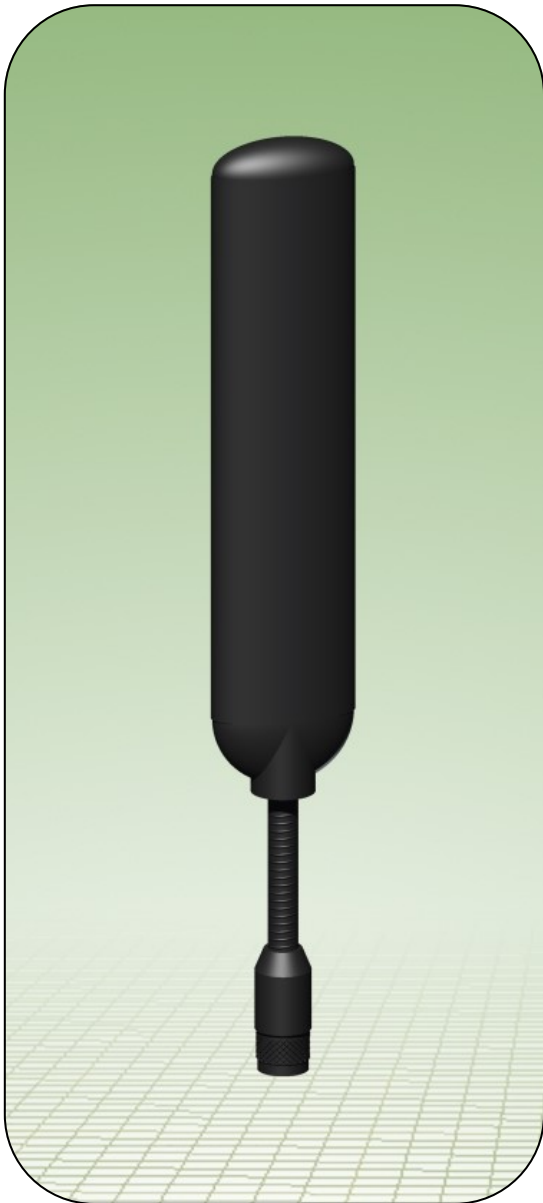


## Broadband Manpack Antenna



The MPDP700X4AD broadband dipole 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 700-2500 MHz band.

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

Being broadband and 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 rugged flexible gooseneck for positioning adjustments.

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.

- **Broadband**
- **Low VSWR**
- **Robust Construction**
- **Plug & Play**



# Broadband Manpack Antenna

## Specifications

### ELECTRICAL:

<b>Frequency Range:</b>	700-2500 MHz
<b>Gain:</b>	0.0 ~ 2.0 dBi +/- 1
<b>VSWR:</b>	2.5:1 Typical 2.0:1 806-960 & 1710-1990 MHz
<b>Input Impedance:</b>	50 $\Omega$ Nominal
<b>Power:</b>	20 Watts PEP
<b>Polarization:</b>	Vertical
<b>Radiation Pattern:</b>	Azimuth: 360° Elevation: 75°
<b>Input Connector:</b>	Type N Male (Other Connectors Available)

### MECHANICAL:

<b>Overall Height:</b>	15 in. (0.38 m)
<b>Antenna Length:</b>	10.25 in. (0.26 m)
<b>Radome:</b>	2.25 in. Oval (57.2 mm)
<b>Net Weight:</b>	0.6 lb. (0.27 kg)
<b>Color:</b>	Black/Green/Tan/Grey
<b>Deflection:</b>	Gooseneck Flexible Tubing
<b>Mounting:</b>	Type N Male (Other Connectors Available)

\*\*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.

