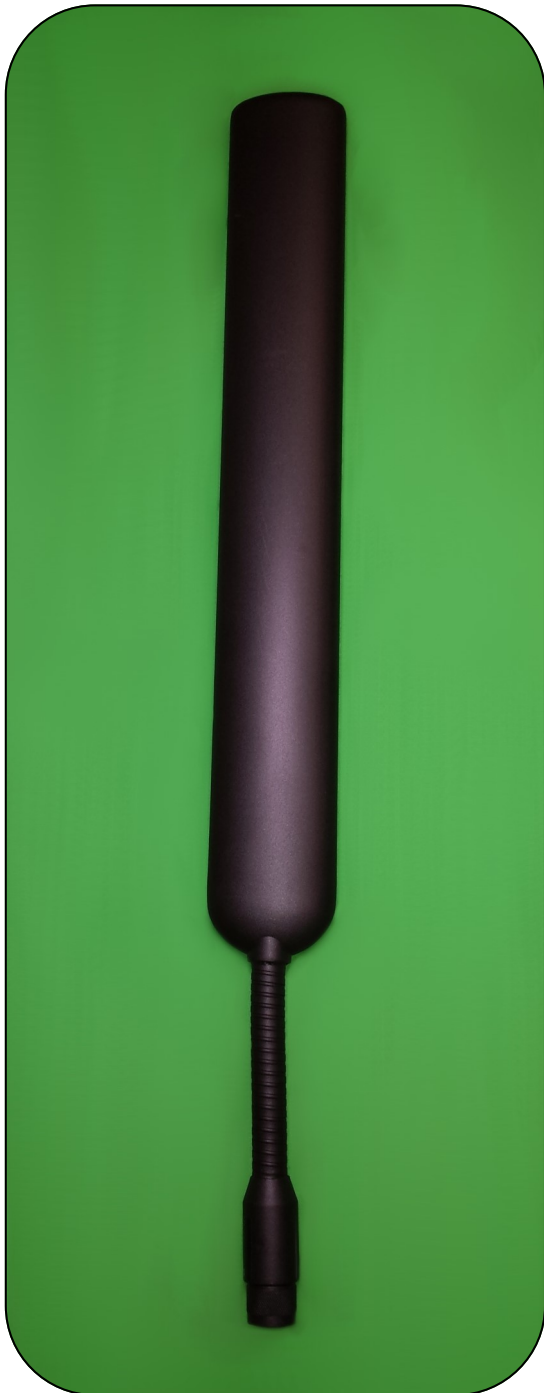


## Ultra Broadband Manpack Antenna



The MPDP100X25 ultra 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 100-2500 MHz band.

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

Being ultra 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.



# Ultra Broadband Manpack Antenna Specifications

## ELECTRICAL:

<b>Frequency Range:</b>	100-2500 MHz
<b>Gain:</b>	-20.0 ~ 2.0 dBi +/- 1.
<b>VSWR:</b>	2.0:1 Typical (Operational)
<b>Input Impedance:</b>	50 $\Omega$ Nominal
<b>Power:</b>	25 Watts
<b>Polarization:</b>	Vertical
<b>Radiation Pattern:</b>	Azimuth: 360° Elevation: 75°
<b>Input Connector:</b>	Type N Female (Other Connectors Available)

## MECHANICAL:

<b>Antenna Height:</b>	17.8 in. (0.45 m)
<b>Overall Height:</b>	23.8 in. (0.60 m)
<b>Radome:</b>	1.5 in. Oval (38.1 mm)
<b>Deflection:</b>	Gooseneck Flexible Tubing
<b>Net Weight:</b>	0.97 lb. (0.44 kg)
<b>Color:</b>	Black/Green/Tan/Grey
<b>Mounting:</b>	Type N Female (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.

