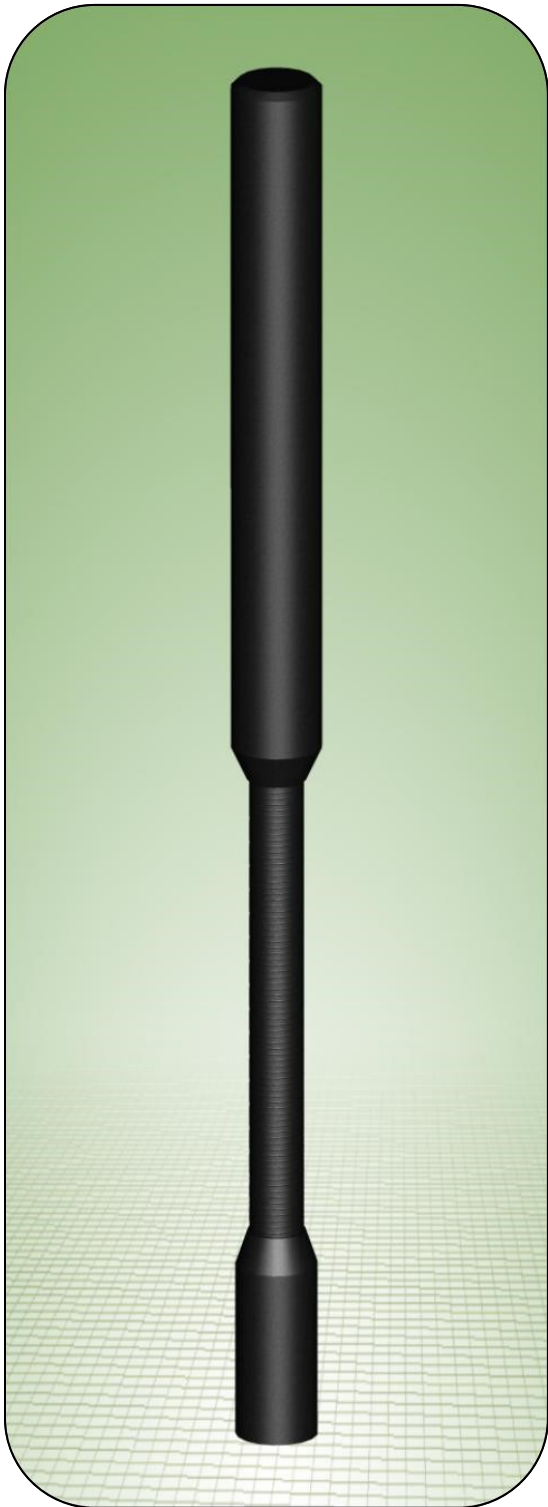


## Broadband Manpack Antenna



The MPDP500X6 broadband dipole antenna is designed to be used in military manpack, commercial, and other applications where reliability is needed most. This antenna works with all radios within the 500-3000 MHz band.

The antenna has an instantaneous bandwidth of 2500 MHz over the operating band of 500-3000 MHz with a VSWR of 3:1 or less at any frequency within the operational band at power inputs of up to 30 Watts.

The robust mechanical and environmental design meets or exceeds MIL-STD-810 and includes a gooseneck section to allow adjustment of the radiator for various orientations of the manpack radio.

Being “ground independent”, this antenna can be used on all types of radio equipment (metal or non-metal) with no degradation in performance.



# Broadband Manpack Antenna

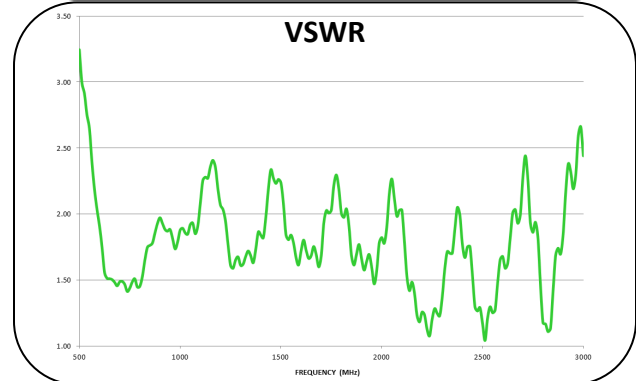
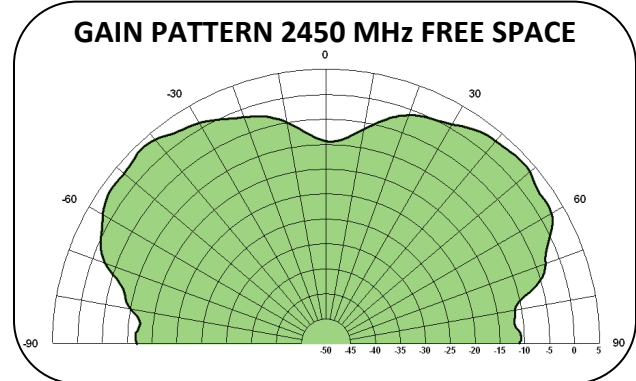
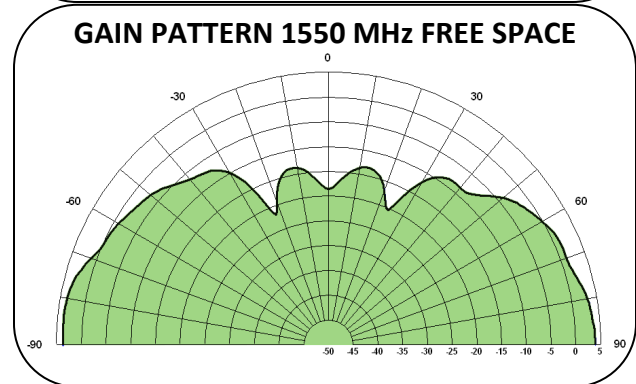
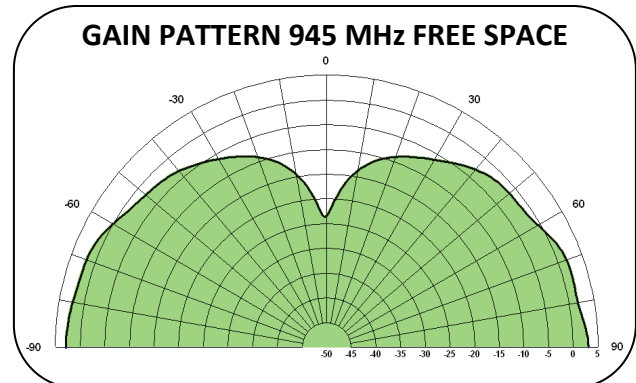
## Specifications

### ELECTRICAL:

Frequency Range:	500-3000 MHz
Gain:	0.0 dBi Typical
VSWR:	< 3.0:1 Nominal
Input Impedance:	50 $\Omega$ Nominal
Power:	30 Watts PEP
Polarization:	Vertical
Radiation Pattern:	Azimuth: 360° Elevation: 90°
Input Connector:	Type N Male

### MECHANICAL:

Overall Height:	17.5 in. (0.44 m)
Net Weight:	0.78 lb. (0.35 kg)
Color:	Black/Green/Tan/Grey
Mounting:	Type N Male



\*\*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  
(1Y04250)

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