

The MPDP500X6AB 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.

Features

- Robust Construction
- Ground Independent
- Gooseneck Flexible Section for 0°-90° Positioning



Electrical Specifications

Frequency	500-3000 MHz
Polarization	Vertical
Impedance	50 Ω Nominal
VSWR	< 2.0:1 Nominal 3.0:1 Maximum
Gain	0.0 dBi Typical
Radiation Pattern	Azimuth 360° Elevation 90°
Power	30 Watts PEP
Connector	Type TNC Male

Mechanical Specifications

Design	Dipole
Height	15.8 in. (0.40 m)
Weight	0.60 lb. (0.27 kg)
Mount	Type TNC Male
Color	Black/Green/Tan/Grey

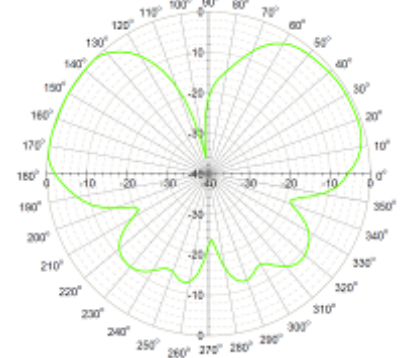
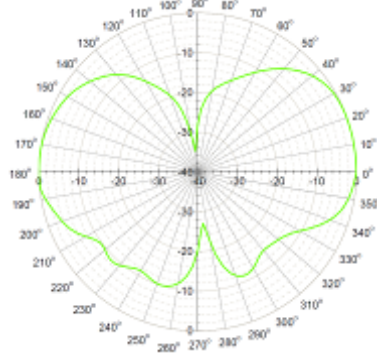
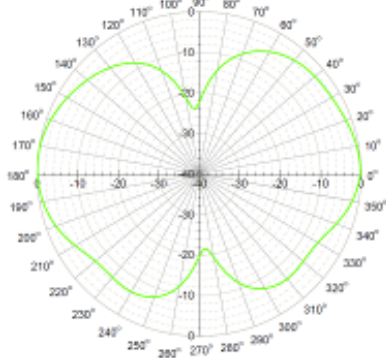
**All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.

**Specifications are subject to change without prior notice.



Pattern

GAIN PATTERN 945 MHz FREE SPACE GAIN PATTERN 1550 MHz FREE SPACE GAIN PATTERN 2450 MHz FREE SPACE



Gain

VSWR

