

The MPDP700X4AB-DT 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 700-2500 MHz band.

The antenna has an instantaneous bandwidth of 1800 MHz over the operating band of 700-2500 MHz with a VSWR of 3:1 or less at any frequency within the operational band at power inputs of up to 40 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
- Gooseneck Flexible Section for positioning from 0°-90°
- Built to MIL-STD-810



Electrical Specifications

Frequency	700-2500 MHz
Polarization	Vertical
Impedance	50 Ω Nominal
VSWR	3.5:1 @ 700-718 MHz < 3.0:1 @ 718-2500 MHz
Gain	Free Space LOS (Line of Sight): -1.5 dBi @700 MHz increasing to 2.5 dBi @2500 MHz
Radiation Pattern	Azimuth 360° Elevation 90°
Power	40 Watts
Connector	Type N Male (Other Connectors

Mechanical Specifications

Design	Dipole
Height	17.0 in. (0.43 m)
Weight	0.55 lb. (0.25 kg)
Mount	Type N Male
Color	Black/Green/Tan/Grey

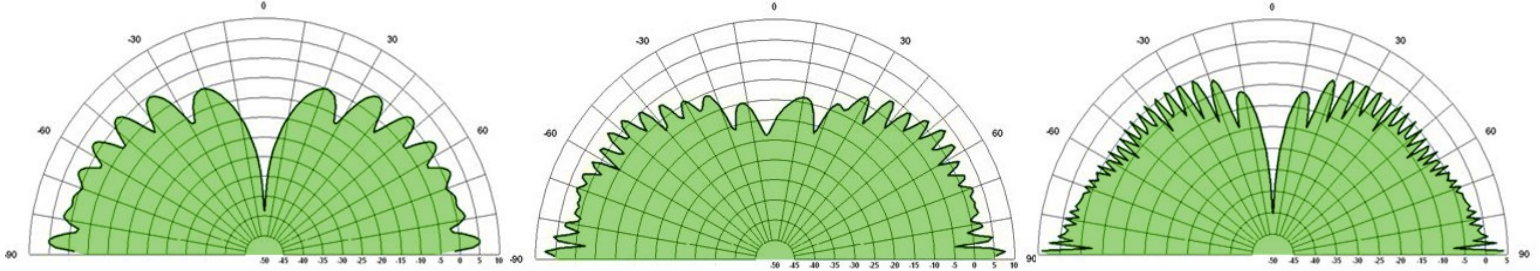
**All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.

**Specifications are subject to change without prior notice.



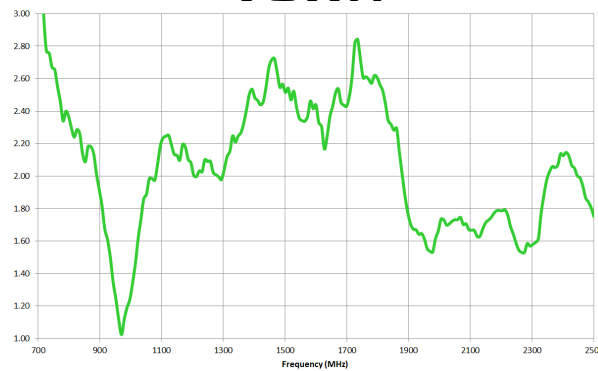
Pattern

700 MHz 60" ABOVE AVERAGE SOIL 1200 MHz 60" ABOVE AVERAGE SOIL 2500 MHz 60" ABOVE AVERAGE SOIL



Gain

VSWR



Made in the USA

www.hascall-denke.com

1Y12500

ISO 9001 Certified
Form F042, Rev: A

12285 U.S. Highway 41 N., Palmetto, FL 34221
1-800-473-2139

