

The MPDP1400-1650 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 1400-1650 MHz band.

The antenna has an instantaneous bandwidth of 250 MHz over the operating band of 1400-1650 MHz with a VSWR of 1.8:1 or less. The robust mechanical and environmental design meets or exceeds MIL-STD-810 and includes a flexible gooseneck for optimal positioning.

Robust and tough, this antenna is housed in a thick fiberglass radome and is constructed from corrosion resistant materials for reliability in the harshest environments.



Features

- Ground Independent
- Low VSWR
- Gooseneck Flexible Section

Electrical Specifications

Frequency	1400-1650 MHz
Polarization	Vertical
Impedance	50 Ω Nominal
VSWR	1.8:1 Maximum
Gain	1.1 dBi Free Space Line of Sight
Radiation Pattern	Azimuth 360° Elevation 90°
Power	25 Watts PEP
Connector	Type N Male

Mechanical Specifications

Design	Dipole
Height	12.625 in. (0.32 m)
Weight	6.28 oz. (178.01 g)
Mount	Type N Male
Color	Black/Green/Tan/Grey

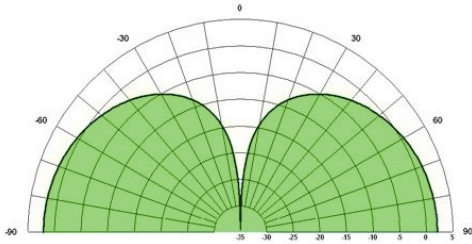
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**Specifications are subject to change without prior notice.

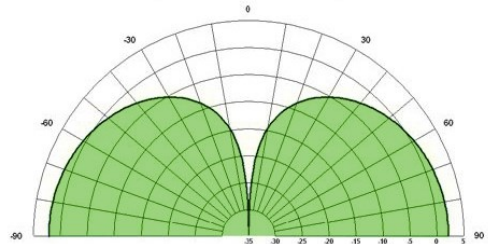


Pattern

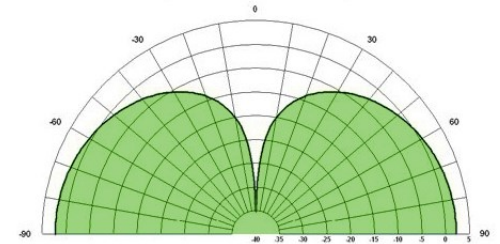
VERTICAL GAIN PATTERN 1400 MHz



VERTICAL GAIN PATTERN 1500 MHz



VERTICAL GAIN PATTERN 1650 MHz



Gain

VSWR

