

The MVDP30X17 is a broadband dipole antenna designed to be used with military, private, or commercial applications where reliability is needed most.

The upper whip may be removed for lower physical signature (lower height) with minimal degradation in electrical performance in the lower frequencies.

Features

- 30-512 MHz Continuous
- 50 Watts
- Robust Construction
- Low VSWR
- Ground Independent



Electrical Specifications

Frequency	30-512 MHz
Polarization	Vertical
Impedance	50 Ω Nominal
VSWR	3.5:1 Max (Except at crossover band.)
Gain	-8 dBi @ 30 MHz 2 dBi @ 88 MHz 3 dBi @ 116 MHz 3 dBi @ 512 MHz
Radiation Pattern @ Mid Band	Azimuth 360° Elevation 90°
Power	50 Watts
Connector	Single Type N Female (Dual input available)

Mechanical Specifications

Design	Dipole
Height	92 in. (2.34 m)
Weight	8 lb. (3.63 kg)
Mount	NATO Standard Four .5" (12.7 mm) Holes, equally spaced on a 4.5" (114.3 mm) Dia. BHC
Color	Black/Green/Tan/Grey

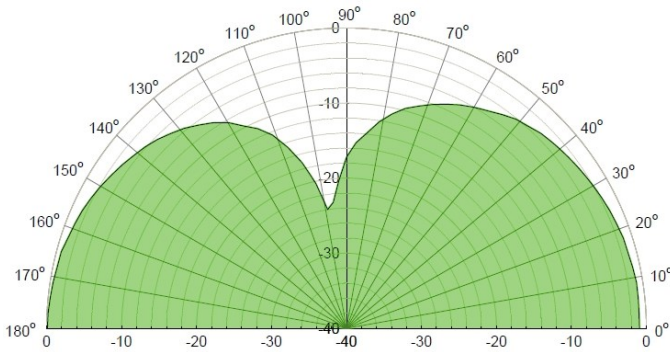
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**Specifications are subject to change without prior notice.

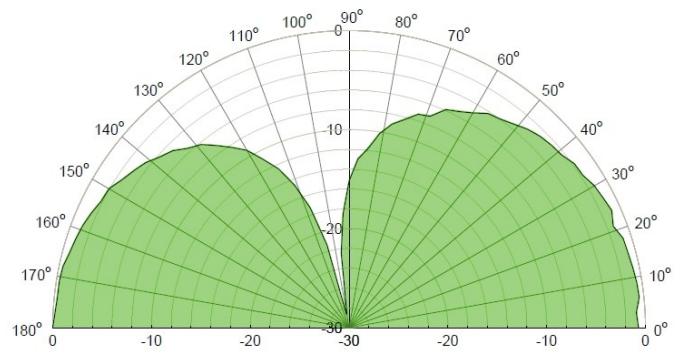


Pattern

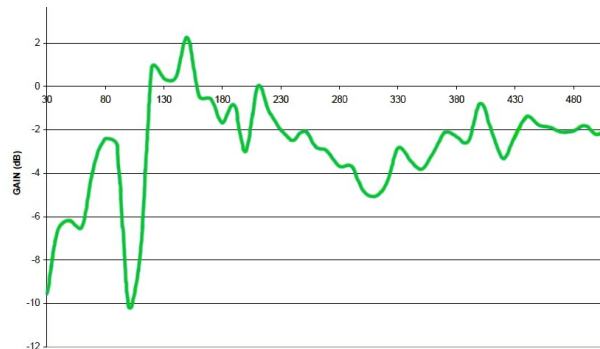
VERTICAL GAIN PATTERN 30 MHz



VERTICAL GAIN PATTERN 450 MHz



Gain



VSWR

