

Vehicular Broadband Antenna



The MVDP30X17 is a broadband dipole antenna designed to be used with military, private, or commercial applications where reliability is needed most. This antenna works with all radios within the 30-512 MHz band.

The antenna has a band pass covering 30-512 MHz with a single input (dual input available) at a power level of 50 Watts. A VSWR of less than 3.0:1 throughout the 155-512 MHz and a maximum of 3.5:1 between 30-90 MHz provides an efficient match to all modern military transceivers.

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

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

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

Mounting bracket shown not included.



Vehicular Broadband Antenna

Specifications

ELECTRICAL:

Frequency Range: 30-512 MHz

Gain:
-6 dBi @ 30 MHz
2 dBi @ 88 MHz
5 dBi @ 116 MHz
3 dBi @ 512 MHz

VSWR: 3.5:1 Max (Except at crossover band.)

Input Impedance: 50 Ω Nominal

Power: 50 Watts

Polarization: Vertical

Radiation Pattern:
Azimuth: 360°
Elevation: 90°

Input Connector: Type N Female

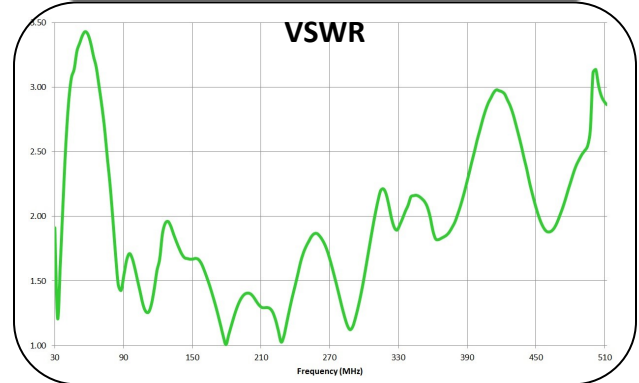
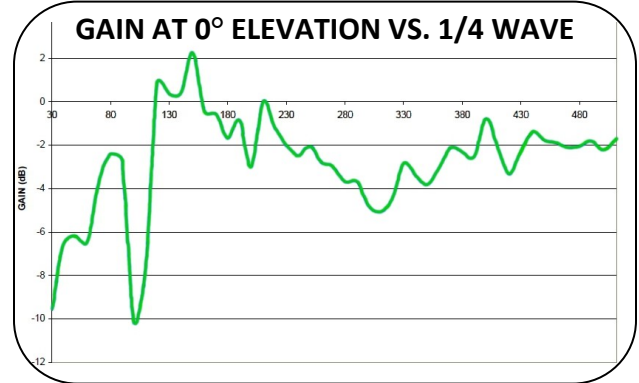
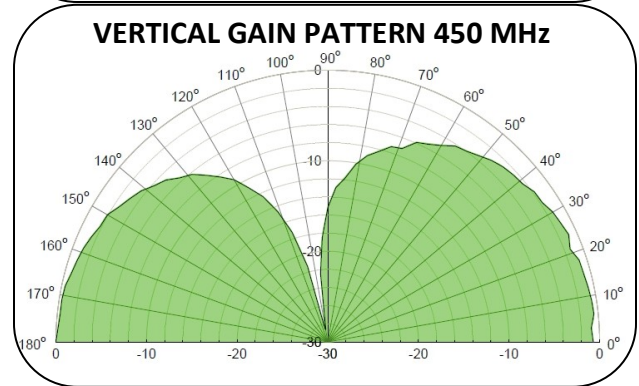
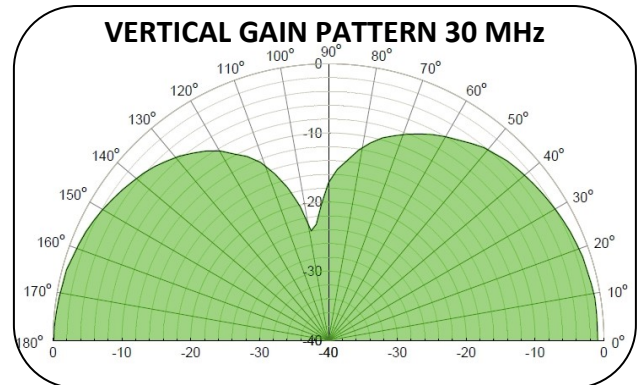
MECHANICAL:

Overall Height: 92 in. (2.34 m)

Net Weight: 8 lb. (3.63 kg)

Color: Black/Green/Tan/Grey

Mounting: NATO Standard Four .5" (12.7 mm) Holes, equally spaced on a 4.5" (114.3 mm) Dia. BHC



**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
(1Y01900)

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