

Vehicular Dual Band Antenna



The MVDP30-88/225-512 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 30-88 and 225-512 MHz band.

The antenna has a band pass covering 30-88 and 225-512 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 225-512 MHz and a maximum of 3.0:1 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.

- **30-88 and 225-512 MHz Continuous**
- **50 Watts**
- **Robust Construction**
- **Low VSWR.**
- **Ground Independent**

Mounting bracket shown not included.



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Specifications

ELECTRICAL:

Frequency Range: 30-88 and 225-512 MHz

Gain:
-6 dBi @ 30 MHz
2 dBi @ 88 MHz
3 dBi @ 225 MHz
4 dBi @ 400 MHz

VSWR: 3.0:1 Max

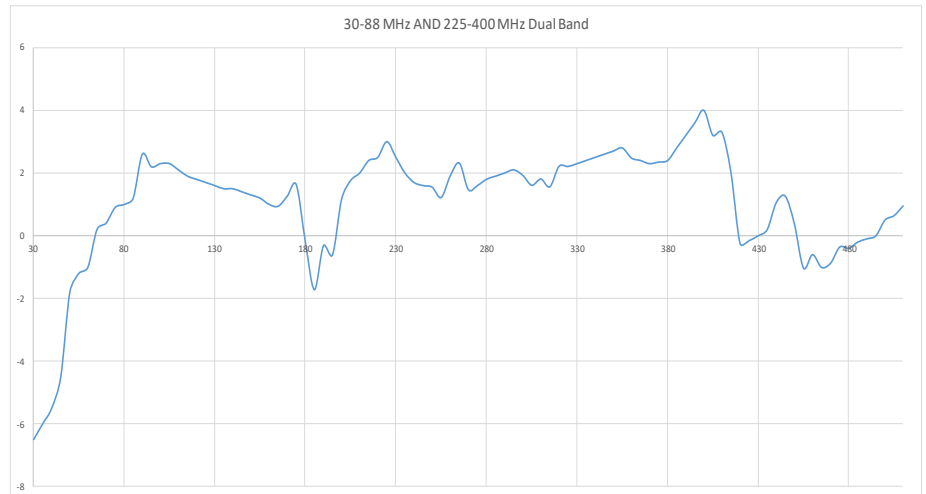
Input Impedance: 50 Ω Nominal

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
(1Y44200)

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