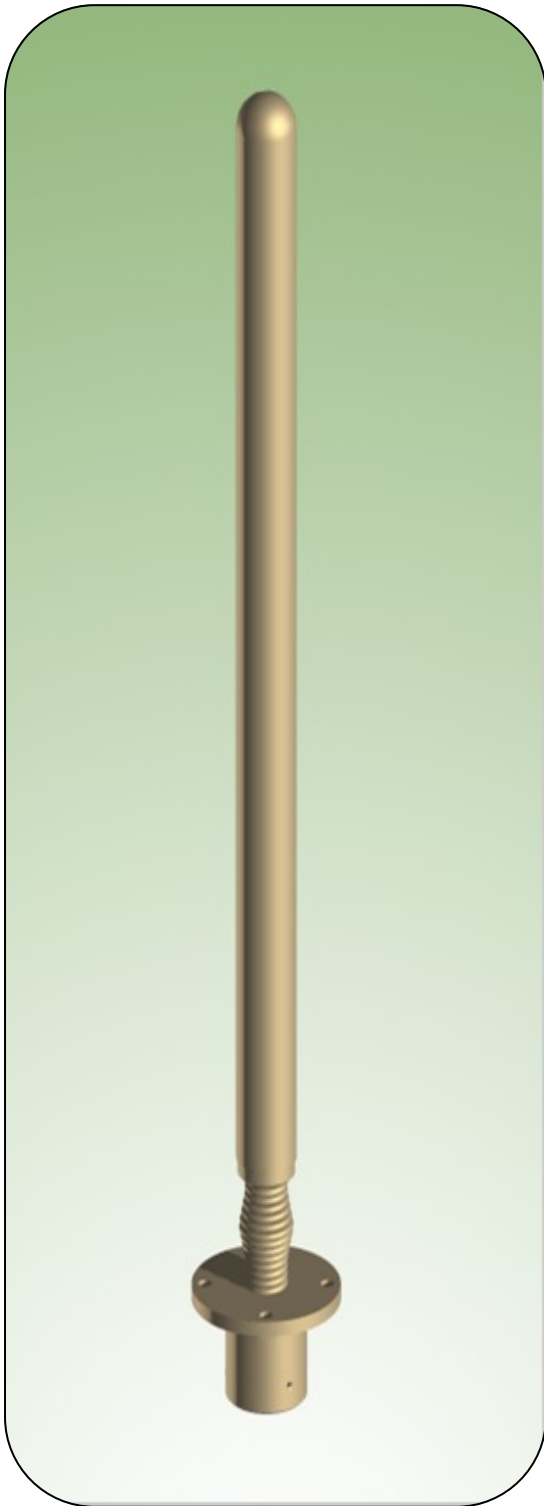


## Broadband Multi-Input Antenna



The MVDP400X5 antenna is designed to be mounted on military and other off-road vehicles and works with all radios within the 410-2100 MHz band and L1/L2 GPS.

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

The antenna is provided with state-of-the-art radiating elements essential for maximum reliability and superior performance.

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. This antenna will meet or exceed MIL-STD-810 environmental standards.



# Broadband Multi-Input Antenna Specifications

## ELECTRICAL:

<b>Frequency Range:</b>	410-2100 MHz 1575.42 MHz (L1 GPS) 1227.60 MHz (L2 GPS)
<b>Gain:</b>	0.0 ~ 2.0 dBi +/- .5
<b>VSWR:</b>	2:1 Maximum
<b>LNA Gain:</b>	29 dB Minimum
<b>Element Gain:</b>	3 dBiC Min. RHCP Polarization
<b>LNA DC Power:</b>	2.5 - 16 VDC (35 mA Max)
<b>Input Impedance:</b>	50 $\Omega$ Nominal
<b>Power:</b>	60W Continuous 100 Watts Intermittent
<b>Polarization:</b>	Vertical
<b>Radiation Pattern:</b>	Azimuth: 360° Elevation: 90°
<b>Input Connector:</b>	(2) Type N Female (1) Type TNC (GPS)

## MECHANICAL:

<b>Overall Height:</b>	46 in. (1.17 m)
<b>Net Weight:</b>	< 10 lb. (< 4.5 kg)
<b>Operational Temps:</b>	-40° to +158°F (-40° to +70°C)
<b>Color:</b>	Black/Green/Tan/Grey
<b>Mounting:</b>	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  
(1Y10500)

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