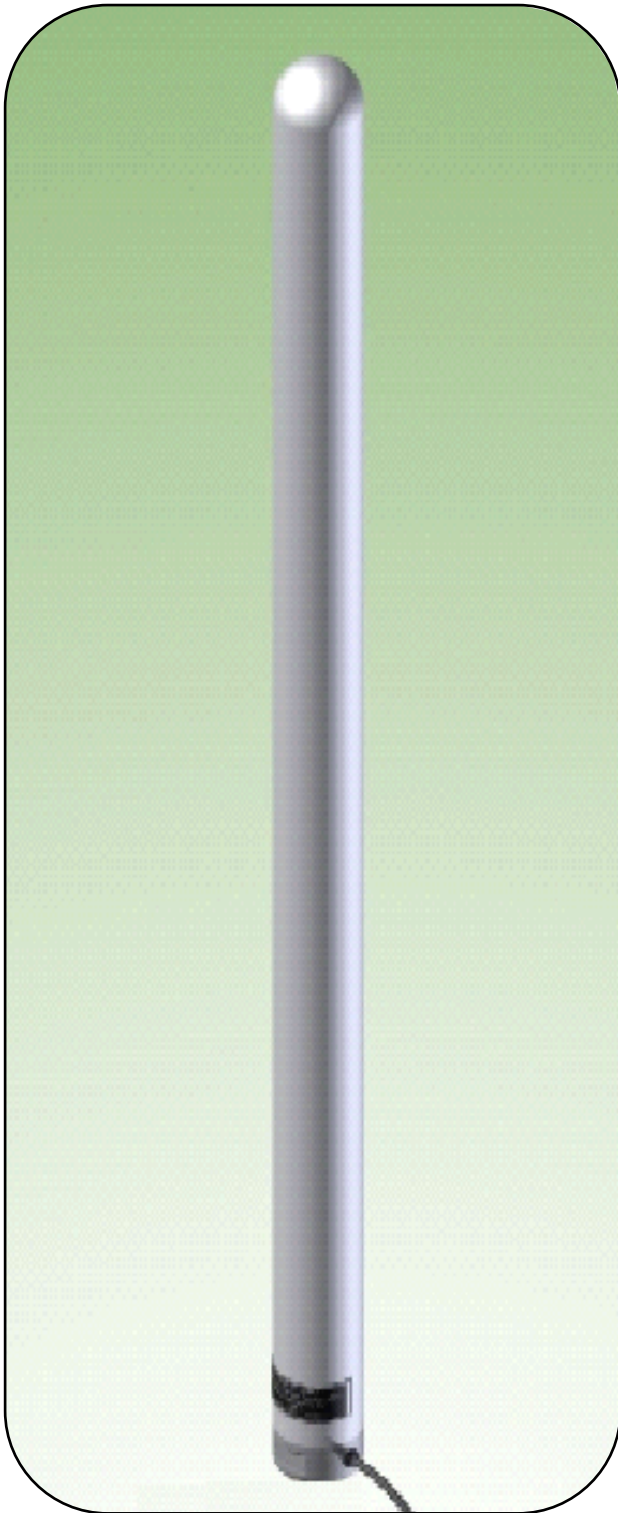


## High Power Omnidirectional Antenna



The MVDP100X8 antenna is designed to be used on covert, military, private and other high security platforms where reliability is needed most. Covering frequencies from 130 thru 800MHz, while under high power broadcast applications.

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

The radiator elements are designed for maximum durability, efficiency, and radiation performance. The antenna radiator is sealed in a heavy duty fiberglass radome for mechanical stability and reliability in harsh environments.

- **Broadband Performance**
- **Ground Plane Independent**
- **Main Beam at Horizon**
- **High Power**

Mounting Bracket sold separately.



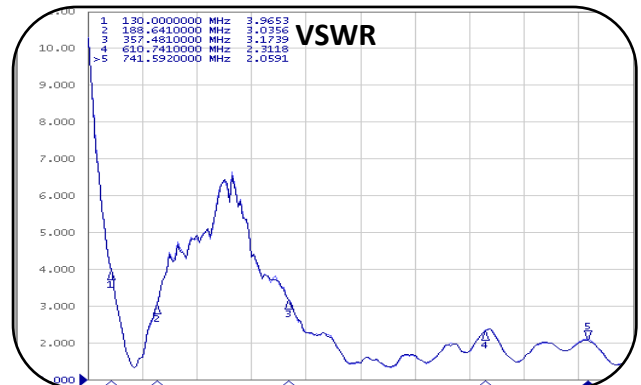
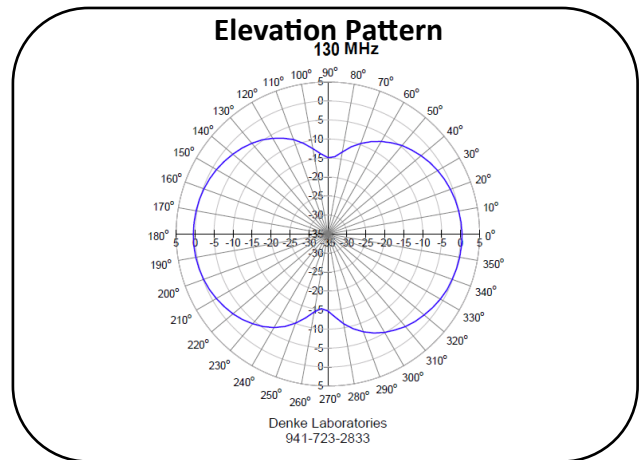
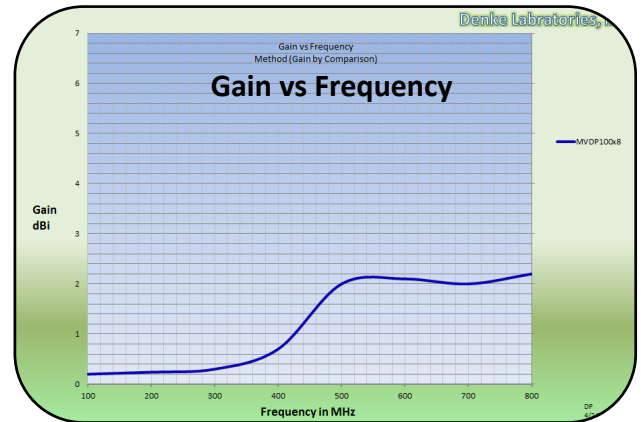
# High Power Omnidirectional Antenna Specifications

## ELECTRICAL:

Frequency Range:	130-800 MHz
Gain:	Unity ~ 2.0 dBi
VSWR:	3:1 Operational
Input Impedance:	50 $\Omega$ Nominal
Power:	300 Watts
Polarization:	Vertical
Radiation Pattern:	Azimuth: 360° Elevation: 70°
Input Connector:	Type N Female or 7/16 Din TBD

## MECHANICAL:

Overall Height:	26" Ideal (Max 32in. (0.91 m))
Radome Diameter:	2.25 in. (58 mm)
Maximum Wind Load:	150 mph (241 kph)
Net Weight:	5 - 8 lb. (2.27 - 3.63 kg)
Operational Temps:	-40° to +185°F (-40° to +85°C)
Color:	Black/Green/Tan/Grey/White
Humidity:	100% Condensing
Mounting:	Pipe, Clamp, * Special Request



\*\*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 9001:2015 Certified  
(1Y33950)

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