

## Base Station Omni Antenna



The MADP2.3-2.5-5 antenna is designed to be used in commercial, military and other applications where reliability is needed most. This antenna works with all radios within the 2300-2500 MHz band.

The antenna is designed to provide maximum Data, Video & Voice performance in a wide range of applications.

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. The lower portion includes a threaded section with a 1 inch stainless steel nut for mounting.

- **High Data Throughput Design**
- **Gain Flatness for Reduced BER**
- **Beam Stability and Polarization Purity**
- **Exceeds Industry Standards**
- **Tough and Rugged Compact Design**



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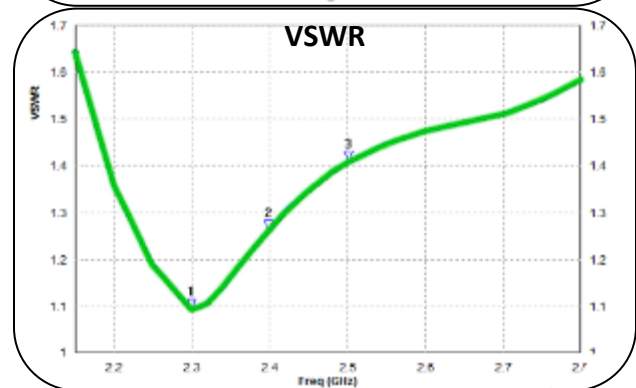
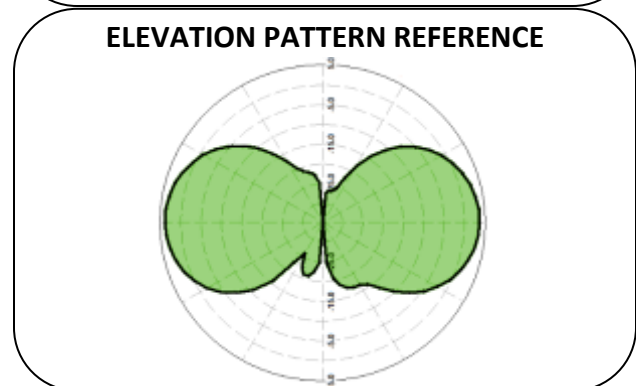
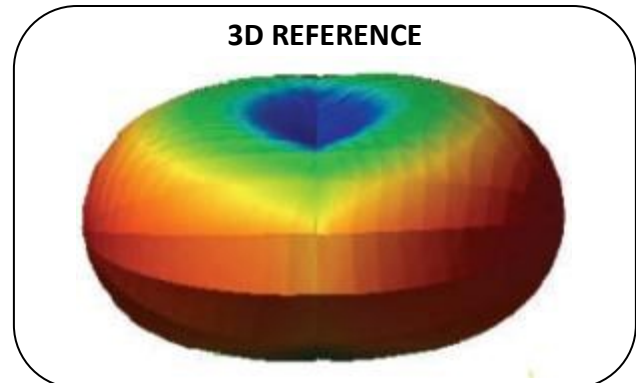
### Specifications

#### ELECTRICAL:

Frequency Range:	2300-2500 MHz
Gain:	5.0 dBi +/- .5
VSWR:	1.5:1 Typical < 2.0:1 Maximum
Input Impedance:	50 $\Omega$ Nominal
Power:	25 Watts
Polarization:	Vertical
Radiation Pattern:	Azimuth: 360° Elevation: 37°
DC Short:	Yes
Input Connector:	Type N Female

#### MECHANICAL:

Overall Height:	12 in. (0.30 m)
Radome Diameter:	1.25 in. (31.8 mm) OD
Net Weight:	1.2 lb. (0.55 kg)
Maximum Wind Load:	150 mph (241 km/h)
Operational Temps:	-40° to +185°F (-40° to +85°C)
Color:	Black/Green/Tan/Grey/White
Mounting:	Stainless Steel Base (1-14UNS Threaded Base Nut)



\*\*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  
(1Y12700)

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