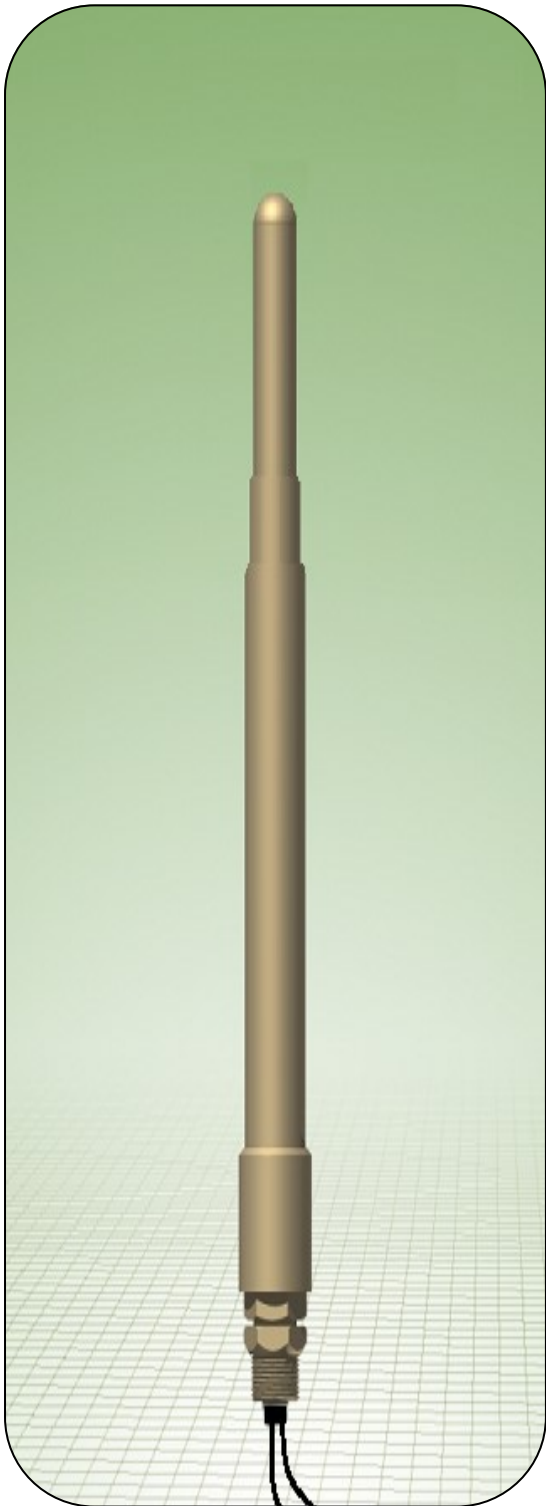


Dual Polarization Omnidirectional Antenna



The MADP4.4-5.0-6-D antenna is designed to be used in military, commercial, and other applications where reliability is needed most. This antenna works with all radios within the 4400-5000 MHz band.

The antenna is provided with state-of-the-art radiating elements essential for maximum reliability and superior performance. Typical Port-to-Port Isolation ranges from 40 ~ 50 dB.

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

- Best overall on the move coverage
- Extreme Dual Bit Stream Ready
- 40~50dB Port-To-Port Isolation
- 6dBi Gain Stability Throughout Band
- > 2:1 VSWR
- True Dual Polarization in One Antenna
- Allows for Space Reduction
- Built in USA



Dual Polarization Omnidirectional Antenna Specifications

ELECTRICAL:

Frequency Range:	4400-5000 MHz
Gain:	6.0 dBi +/- .5
VSWR:	2.0:1 Maximum
Input Impedance:	50 Ω Nominal
Power:	25 Watts Max
Polarization:	Horizontal & Vertical
Port-to-Port Isolation:	40 ~ 50 dB Typical
Radiation Pattern:	Azimuth: 360° Elevation: 30°
DC Short:	Yes
Input Connector:	(2) Type N Female (pigtail)

MECHANICAL:

Overall Height:	19 in. (482mm)
Radome Diameter:	1.5 in. (38.1 mm)
Net Weight:	1 lb. (.45 kg)
Operational Temps:	-40° to +185°F (-40° to +85°C)
Color:	Black/Green/Tan/Grey
Mounting:	UM004AB Mount (Sold Separately)

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****Specifications are subject to change without prior notice.**

