

Dual Input Omnidirectional Antenna



The MVDP5.0-6.0-7-DAB antenna is designed to be used in military, commercial, and other vehicular applications where reliability is needed most. This antenna works with all radios within the 5000-6000 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 31 ~ 45 dB.

Being “ground independent”, this antenna can be used on all types of vehicles (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.



Dual Input Omnidirectional Antenna Specifications

ELECTRICAL:

Frequency Range: 5000-6000 MHz

Gain: 7.0 dBi +/- .5

VSWR: 2.0:1 Maximum

Input Impedance: 50 Ω Nominal

Power: 27 Watts

Polarization: Vertical over Vertical

Port-to-Port Isolation: 31 ~ 45 dB Typical

Radiation Pattern: Azimuth: 360°
Elevation: 20°

DC Short: Yes

Input Connector: (2) Type N Female

MECHANICAL:

Length: 33.5 in. (0.85 m)

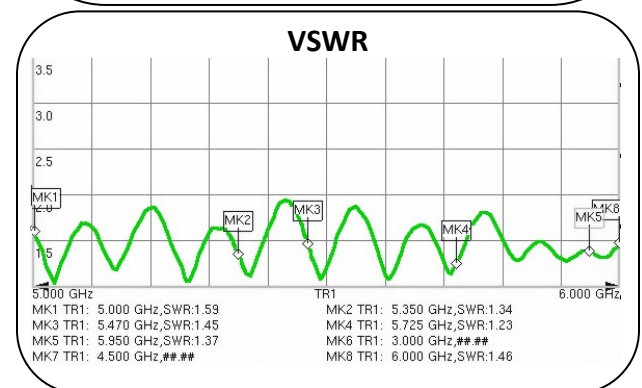
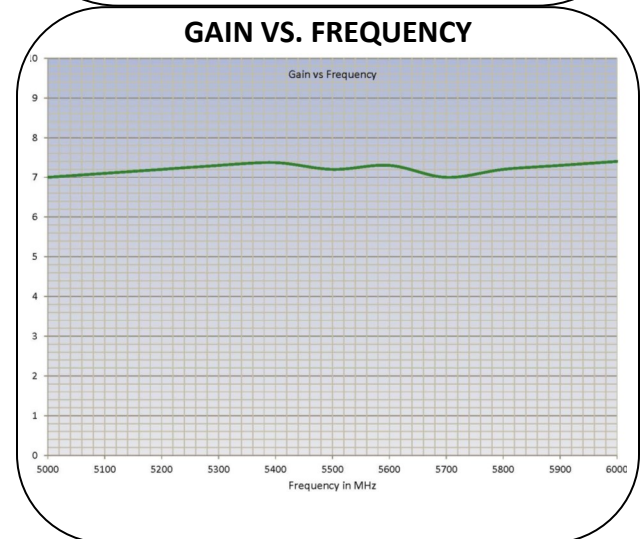
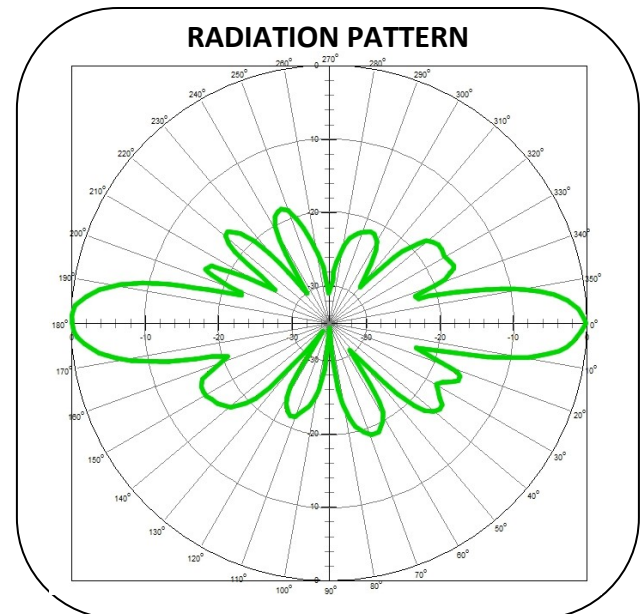
Radome Diameter: 1.0 in. (25.4 mm)

Net Weight: 4.5 lb. (2.04 kg)

Operational Temps: -40° to +185°F
(-40° to +85°C)

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



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



Made in the USA
ISO 9001:2008 Certified
(1Y19250)

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