

Dual Polarization Omnidirectional Antenna



The MVDP5.0-6.0-7-D 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 Polarization 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:	Horizontal & Vertical
Port-to-Port Isolation:	31 ~ 45 dB Typical
Radiation Pattern:	Azimuth: 360° Elevation: 27°
DC Short:	Yes
Input Connector:	(2) Type N Female

MECHANICAL:

Length:	33.5 in. (0.85 m)
Radome Diameter:	1.5 in. (38.1 mm)
Net Weight:	5.0 lb. (2.27 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.

