

Omnidirectional Vehicular Antenna





The MVDP6.0-10.0-2 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 6000-10000 MHz band.

The antenna is provided with state-of-the-art radiating elements essential for maximum reliability and superior performance.

The lower portion contains a pass thru NMO style mount that gives the user an option to Magnet mount or Surface mount the antenna.

Robust and tough, this antenna is housed in a heavy duty Xenoy radome and is constructed from corrosion resistant materials for reliability in the harshest environments.

- High Impact Resistant Xenoy Radome
- Low Profile Design
- Good VSWR
- •65 Watts Power Handling
- User Friendly Install & Connection
- NMO Pass Thru Mount
- Side Coax Exit or Mag Mount Option



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Specifications

ELECTRICAL:

Frequency Range: 6000-10000 MHz

Gain: 2.0 dBi +/- .5

VSWR: < 2.0:1 Maximum

Input Impedance: 50 Ω Nominal

Power: 65 Watts

Polarization: Vertical

Radiation Pattern: Azimuth: 360°

Elevation: 67°

Input Connector: Type N Female

MECHANICAL:

Overall Height: 5 in. (127 mm)

Radome Diameter: 2 in. (51 mm)

Net Weight: 1 lb. (0.45 kg)

Operational Temps: -40° to +185°F

 $(-40^{\circ} \text{ to } +85^{\circ}\text{C})$

Color: Black/Green/Tan/Grey

Mounting: NMO Pass Thru

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^{**}Specifications are subject to change without prior notice.