Dual Polarization Omnidirectional Antenna

The MVDP4.4-5.0-9-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 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 34 ~ 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.

HASCALL-DENKE
THE WORLD'S ANTENNA SOURCE.

Dual Polarization Omnidirectional Antenna

Specifications

ELECTRICAL:

Frequency Range: 4400-5000 MHz

Gain: 9.0 dBi +/- .5

VSWR: 2.0:1 Maximum

Input Impedance: 50 Ω Nominal

Power: 25 Watts

Polarization: Horizontal & Vertical

Port-to-Port Isolation: 34 ~ 45 dB Typical

Radiation Pattern: Azimuth: 360°
Elevation: 13°

DC Short: Yes

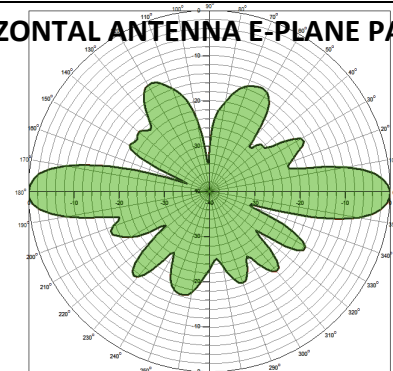**Input Connector:** (2) Type N Female

MECHANICAL:

Length: 40.5 in. (1.03 m)

Radome Diameter: 1.5 in. (38.1 mm)

Net Weight: 4 lb. (1.81 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
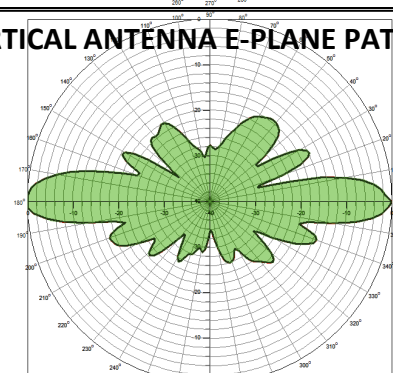
**All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.

**Specifications are subject to change without prior notice.

HORIZONTAL ANTENNA E-PLANE PATTERN

VERTICAL ANTENNA E-PLANE PATTERN

HORIZONTAL ANTENNA VSWR

VERTICAL ANTENNA VSWR

Made in the USA
ISO 9001:2008 Certified
(1Y14800)

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