

Dual Band Manpack Antenna



The MPDP1.7/2.3-2 antenna is designed to be used in military manpack, commercial, and other body, vest or handheld mounted applications where reliability is needed most. This antenna works with all radios within the 1755-1815 & 2200-2270 MHz bands.

Being compact for its frequency of operation, this antenna is ideal for clandestine operations. The sleek profile allows for ideal placement in packs, vests, jackets, or other compartments. In addition this antenna is built to meet MIL-STD-810F.

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

Robust and tough, this antenna is housed in a thick UV stable radome and is constructed from corrosion resistant materials for reliability in the harshest environments.

- **Low Profile**
- **Designed for Vest Compartments**
- **Low VSWR**
- **Built to meet MIL-STD-810F**
- **Dual Band, Stable Gain**
- **Digital Ready**
- **Submersible***



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Specifications

ELECTRICAL:

Frequency Range: 1755-1815 & 2200-2270 MHz

Gain: 2.0 dBi +/- .5

VSWR: 2.0:1 Typical

Input Impedance: 50 Ω Nominal

Power: 20 Watts PEP

Polarization: Vertical

Radiation Pattern: Azimuth: 360°
Elevation: 70°

Input Connector: Type SMA Female

MECHANICAL:

Overall Height: 5.5 in. (140 mm)

Antenna Length: 3.2 in. (81 mm)

Radome: 1.2 in. Oval (30 mm)

Net Weight: 1.25 oz. (35 g)

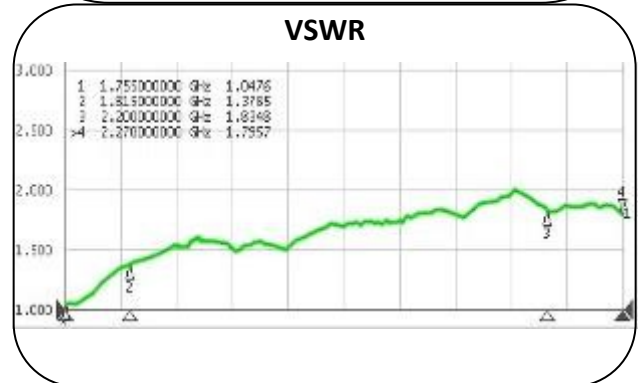
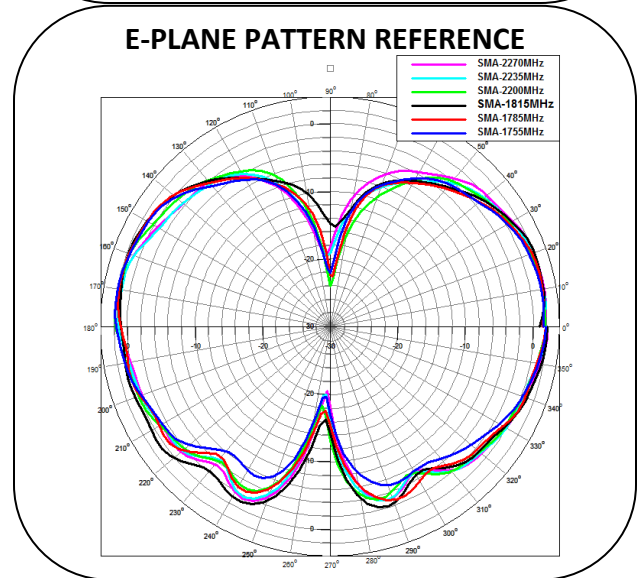
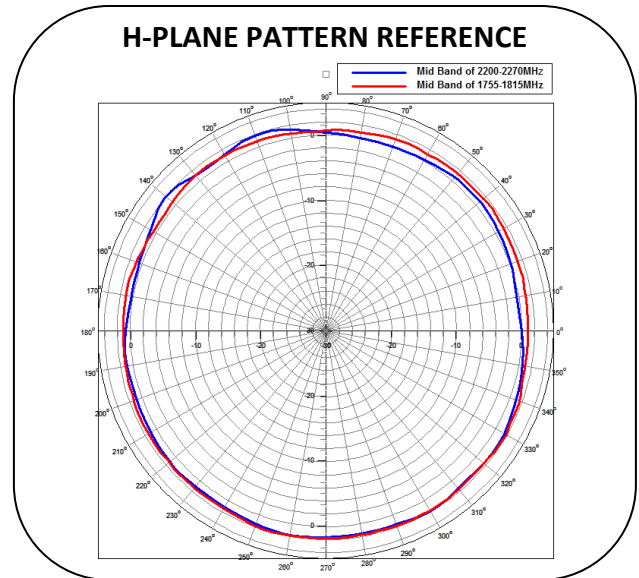
Compliance: Built to meet: MIL-STD-810F

Color: Black/Green/Tan/Grey

Deflection at Base: +/- 90°

***Water Ingress:** ~ 2 meters @ 30 min. duration.

Mounting: Type SMA Female



****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.**



Made in the USA
ISO 9001:2015 Certified
(1Y19150)

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