

Dual Band Manpack Antenna



The MPDP1755-1815/2200-2270-2 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 dual band and 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 the base includes a ruggedized flex section for quick positioning and return. It is also 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
- Low VSWR
- Build to meet MIL-STD-810F
- Digital Ready
- Submersible*



Made in the USA
ISO 9001:2015 Certified
(1Y11050)

P.O. Box 909, Palmetto, Florida 34220-0909
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www.hascall-denke.com

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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 Male

MECHANICAL:

Overall Height: 8.5 in. (216 mm)

Antenna Length: 4.5 in. (115 mm)

Radome: 1.125 in. Oval (29 mm)

Net Weight: 2.32 oz.. (66 g)

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

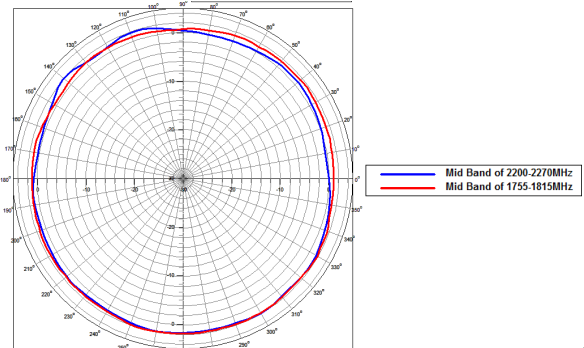
Color: Black/Green/Tan/Grey

Deflection at Base: +/- 90°

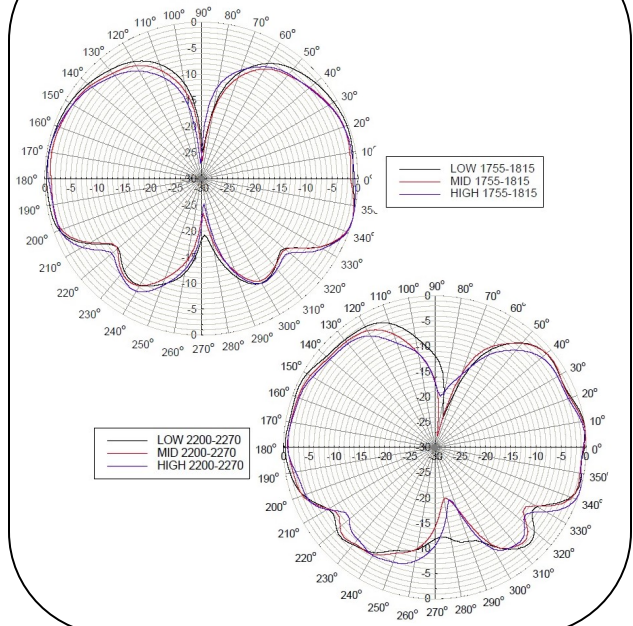
***Water Ingress:** ~ 2 meters @ 30 min. duration.

Mounting: Type SMA Male

H-PLANE PATTERN REFERENCE



E-PLANE PATTERN 1755-1815MHz & 2200-2270MHz



VSWR



****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.**



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