

The MPDP1755-1815/2200-2270-4AC antenna is designed to be used with Mobile Ad-Hoc Networking (MANET) radio systems. This antenna has been optimized for the Trellisware® TSM™ Waveform and other radios that operate in the 1755-1815 & 2200-2270MHz bands.

The antenna features an integrated bandpass filter to help eliminate out of band interference when used with the Thales AN/PRC-148C IMBITR®. Built robust and tough, this antenna is housed in a thick UV stable radome and is constructed from corrosion resistant material for reliability in the harshest environments and also designed to meet the rigors of MIL-STD-810.

Features

- IP 68
- VSWR <2:1
- 360° Rotating Gooseneck
- Consistent Gain across the band
- Adaptable to other platforms

Electrical Specifications

Frequency	1755-1815 / 2200-2270MHz
Polarization	Vertical
Impedance	50Ω
VSWR	<2:1 Typical
Gain	4dBi
Pattern	Omni Directional Azimuth 360° Elevation 45°
Power	25 Watts PEP
Connector	TNC-M

Mechanical Specifications

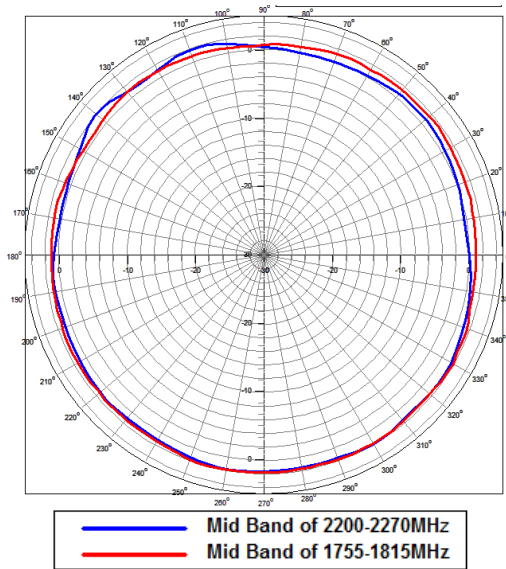
Design	Dipole
Height	12 in. (.3 m)
Radome	1.12in. X.5 in. Oval
Weight	3.7 oz. (105 g)
Color	Black/Green/Tan/Grey



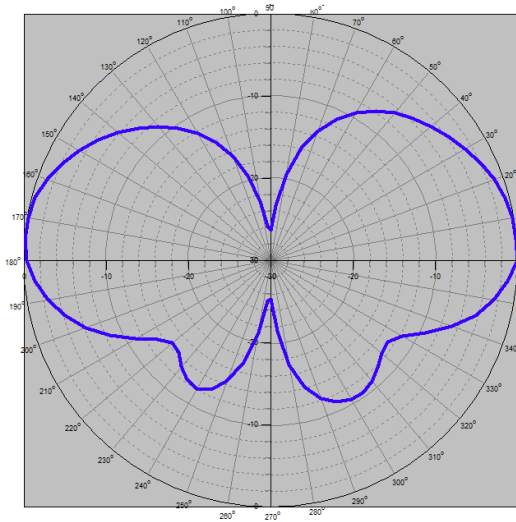
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H- Plane



E-Plane



VSWR

