

The MADP698X4 antenna was designed for Fourth Generation (4G) Long Term Evolution (LTE) and Mobile Ad-Hoc Networking (MANET) communications platforms for tactical and commercial vehicles.

The antenna is designed with a state of the art radiating element for maximum efficiency. Built robust and tough, this antenna is constructed from corrosion resistant material for reliability in the harshest environments and also designed to meet the rigors of MIL-STD-810.



**Features**

- Ground plane independent
- 4G/LTE communications
- MANET communications
- Low Vertical Signature

**Electrical Specifications**

Frequency	698-2600MHz
Polarization	Vertical
Impedance	50Ω
VSWR	3.0:1 Max
Gain	+3 ~ +5dBi ±.5
Pattern	Omni Directional Azimuth 360° Elevation 37 ~ 58°
Power	50 Watts
Connector	Type N Female

**Mechanical Specifications**

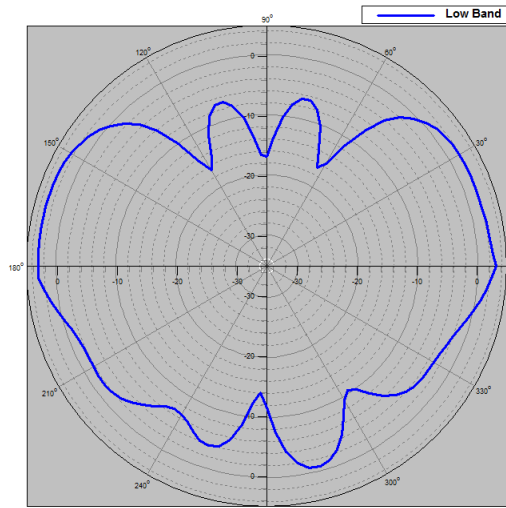
Design	Dipole
Height	29 1/8 in. (0.74 m)
Diameter	1.5in. ~ 1.75in. (38.1 ~ 44.5mm)
Radome	Fiberglass
Weight	5lbs. (2.27kg.)
Mounting	(6) 1/4" holes equally spaced on 3-1/16 diameter circle
Color	Black/Green/Tan/Grey

\*\*All information on this product and the product itself is the property of and is proprietary to Hascall-Denke.

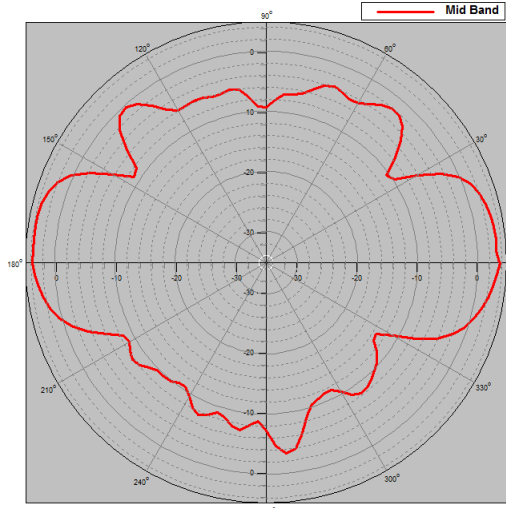
\*\*Specifications are subject to change without prior notice.



**Pattern  
Reference  
698MHz**



**Pattern  
Reference  
1375MHz**



**Pattern  
Reference  
2600MHz**

