



DATA SHEET

SUPER-M CLASSIC MOBILE

MULTI-POLARIZED HAM RADIO & SCANNER ANTENNA

MODEL NO:

08-ANT-0865

MP Antenna, LTD.
147 Eady Court
Elyria, Ohio 44035

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Product Overview

Designed for Mobile HAM Radio and Scanner applications, the MultiPolarized Super-M Classic Mobile antenna offers a light weight construction and is easily mounted on any vehicle. The Super-M Classic Mobile seamlessly covers a frequency range from 25MHz to 1.3GHz (receive) and 2-Meter, 220 & 440 bands (transmit), providing unequalled wireless communication in “Real World” obstructed non-line-of-sight (NLOS) environments. MultiPolarized technology with MP Antenna design and production standards make the Super-M Classic Mobile the ideal antenna for signal stability in HAM Radio and Scanner applications. For ultimate performance use Super-M antennas on the receiver and transmitter to further reduce problematic dead zones and flutter.

Features

- Multi-Polarized
- Ultra Wide Band
- Flutter Reduction
- Built In Spatial Diversity
- Elevation Pattern: Peak signal from the horizon to 30 degrees above; Effective Spherical Signal Pattern
- RoHS Compliant

Applications

- HAM Radio
- Scanner

rethink the antenna™

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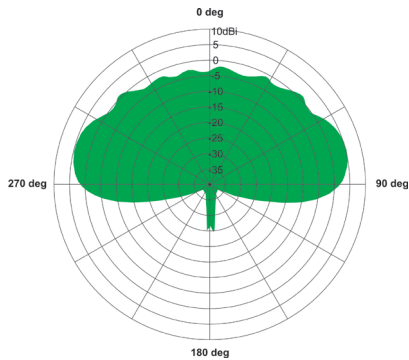
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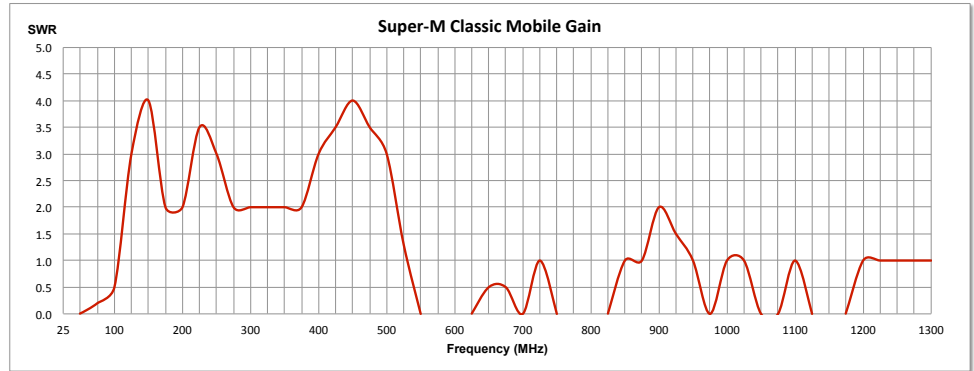
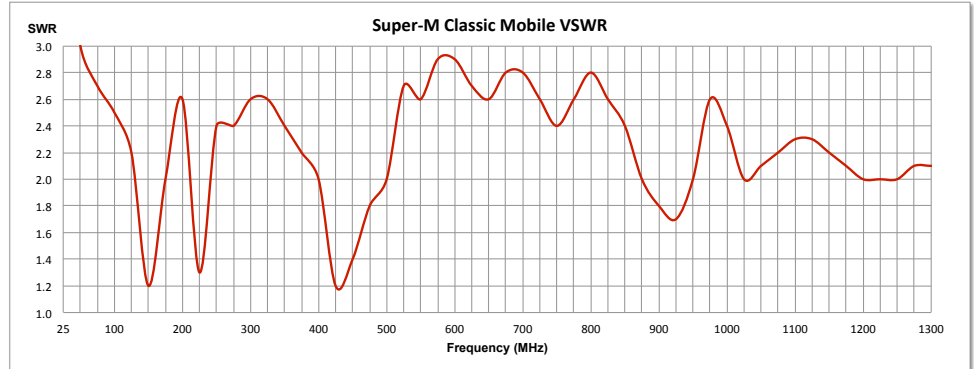
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Elevation Coordinate Pattern:



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Physical Specifications

- Diameter: 15 in
- Height: 20 in
- Weight: 5 oz
- Connector: 5/16"-24 Thread
Standard NMO style adapter included
- Construction: Stainless Steel, Aluminum
- Warranty: One year limited

Typical Performance

- Frequency Range: 25MHz-1300MHz Receive
2-Meter, 220 & 440 Bands Transmit
- Gain: Unity (3dBi)*
- VSWR: 1.2:1-1.9:1
- Polarization: Multi-Polarized
- Power: 200 Watts Input
- Input: 50 ohms nominal

* With built in spatial and polarization diversity, performance in obstructed environments is greater than that of standard antennas with similar or higher laboratory gains.

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