



DATA SHEET

SUPER-M 400 MOBILE

MULTI-POLARIZED MOBILE TWO-WAY RADIO ANTENNA

MODEL NO:

08-ANT-0864

MP Antenna, LTD.
7887 Bliss Parkway
North Ridgeville, Ohio 44039

877 678 3243 *phone*
877 678 3245 *fax*
sales@mpantenna.com
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Product Overview

Designed for Two-Way Government/Commercial radio communications, the Multi-Polarized Super-M 400 Mobile antenna offers a light weight, unique tri-element construction and is easily installed on any vehicle. The Super-M 400 Mobile seamlessly covers the frequency range from 400MHz to 500MHz providing unequaled wireless communication in “Real World” obstructed non-line-of-sight (NLOS) environments. Multi-Polarized technology with MP Antenna design and production standards make the Super-M 400 Mobile antenna the ideal antenna for signal stability in Government or Commercial vehicles. For ultimate performance use Multi-Polarized antennas on the receiver and transmitter to further reduce problematic dead zones and increase signal stability.

Features

- Multi-Polarized
- Maximum Signal Stability
- 360 Degree Azimuth Beam Width
- Built In Spatial Diversity
- Elevation Pattern: Peak signal from the horizon to 30 degrees above; Effective Spherical Signal Pattern
- RoHS Compliant

Applications

- Two Way Radio



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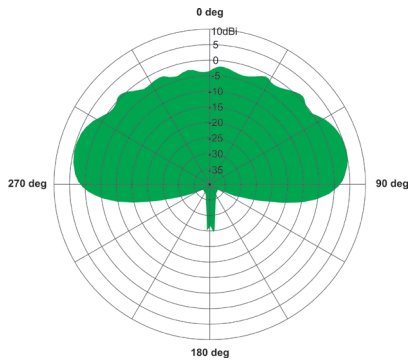
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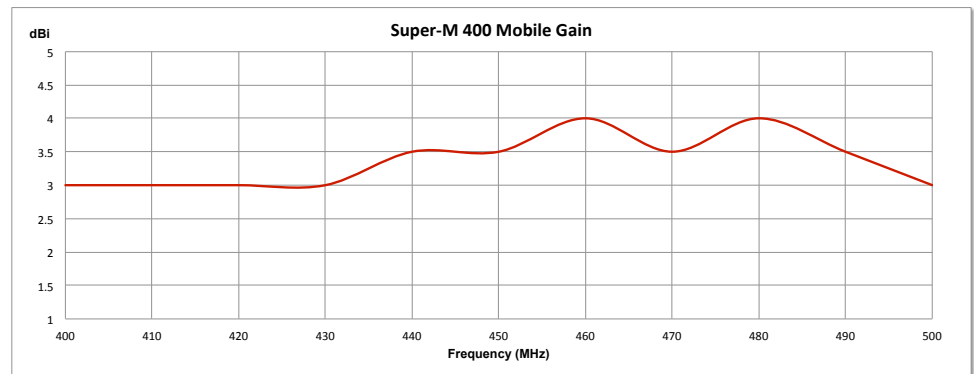
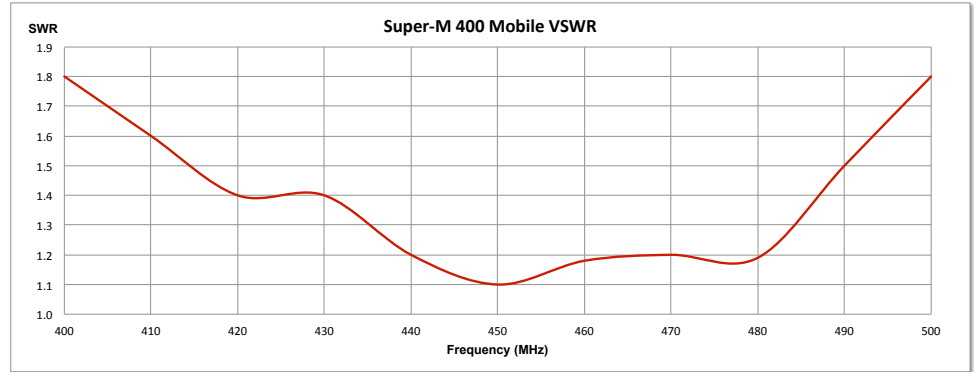
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Elevation Coordinate Pattern:



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Physical Specifications

- Diameter: 5.25 in
- Height: 6.5 in
- Weight: 2.4 oz
- Connector: 5/16"-24 Thread
Standard NMO style adapter included
- Construction: Stainless Steel, Aluminum
- Warranty: One year limited

Typical Performance

- Frequency Range: 400MHz-500MHz
- Gain: 4dBi*
- VSWR: 1:1-1.8:1
- 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.

rethink the antenna™

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