

Super-M 400 Mobile-NMO Data Sheet

MultiPolarized Two-Way Radio Antenna

Model No:
08-ANT-0864



Product Overview

Designed for Two-Way Government/Commercial radio communications, the MultiPolarized **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 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 400 Mobile** antenna the ideal antenna for signal stability in Government or Commercial vehicles. For ultimate performance use **Super-M** antennas on the receiver and transmitter to further reduce problematic dead zones and flutter.



M-POL™ Certified is MP Antenna's exclusive assurance that MultiPolarized antenna technology is incorporated into a world class product to provide superior connectivity in real world obstructed environments.

Features

- MultiPolarized
- Flutter Reduction
- 360 degrees Azimuth Beam Width
- Highly Effective Patterning
- Elevation Pattern: Peak signal from the horizon to 30 degrees above; Effective Hemispherical Signal Pattern
- **M-POL™** Quality and Performance
- ROHS Compliant

Applications

- Commercial (Truck, Taxi, Airport)
- Government (Police, Fire, EMS)
- Military (All Armed Forces)
- Maritime

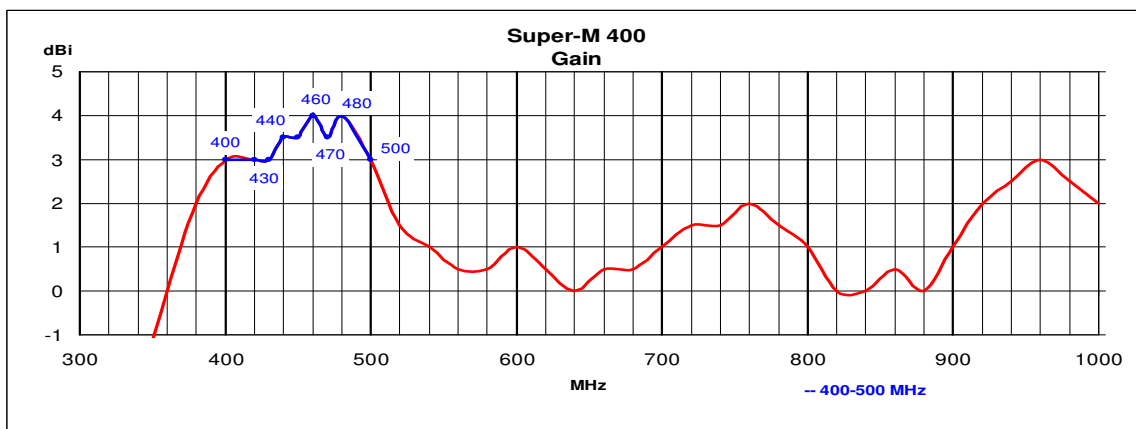
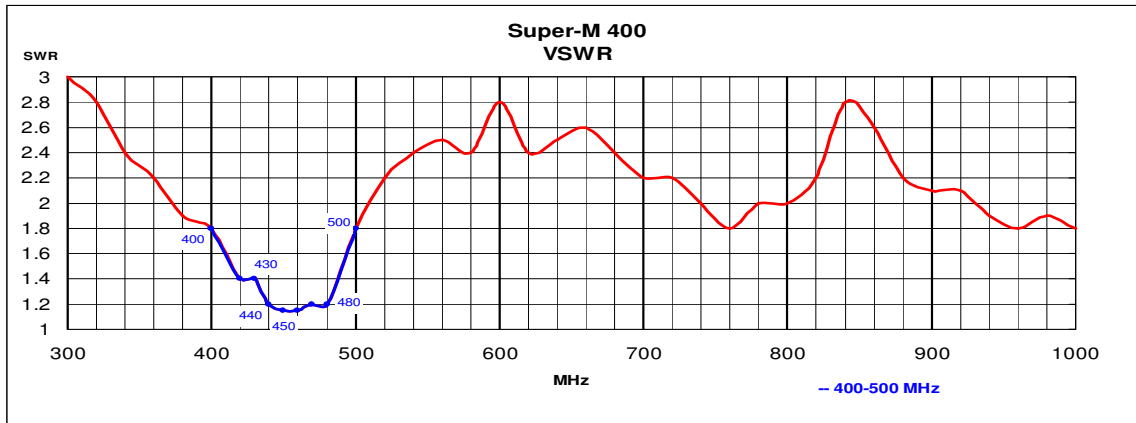
* **MP Antenna** products and technology are protected under United States Patent No. 6,496,152. Other patents pending. Please contact MP Antenna for information about using or licensing **MP Antenna** products or technology. REV: 012210

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Physical Specifications

Diameter: 5.25 in
Height: 6.5 in
Weight: .15 lbs
Construction: Stainless Steel, Aluminum
Connector: 5/16"-24 Thread
NMO Style Adapter Included
Warranty: One year limited.

Typical Performance

Frequency
Range: 400MHz - 500MHz
Gain: 4dBi*
VSWR: 1:1-1.8:1
Polarization: MultiPolarized
Power Input: 200 Watts
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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