



DATA SHEET

# SUPER-M ULTRA MOBILE

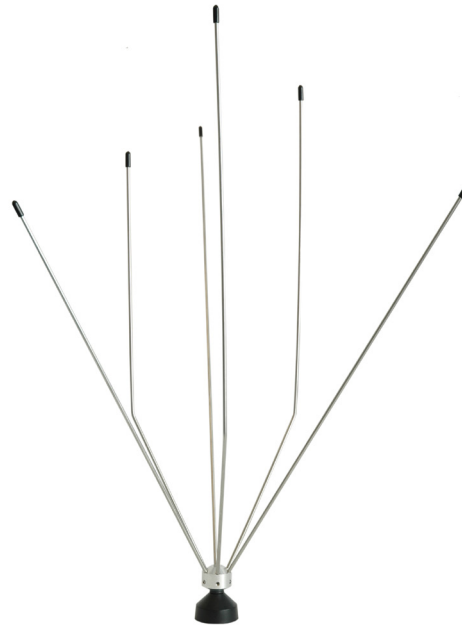
MULTI-POLARIZED HAM, SCANNER, AND TWO-WAY RADIO ANTENNA

MODEL NO:

**08-ANT-0860**

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

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



## Product Overview

Designed for HAM, Scanner and Two-Way Government/Commercial communications, the Multi-Polarized Super-M Ultra Mobile antenna seamlessly covers the frequency range from 25 MHz to 6 GHz (88 MHz - 6 GHz transmit) providing unequaled wireless communication in “Real World” obstructed non-line-of-sight (NLOS) environments. The Super-M Ultra Mobile antenna is the gold level standard of two way communication incorporating MP Antenna technology for ultimate signal stability and is the widest bandwidth mobile antenna on the market. 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

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



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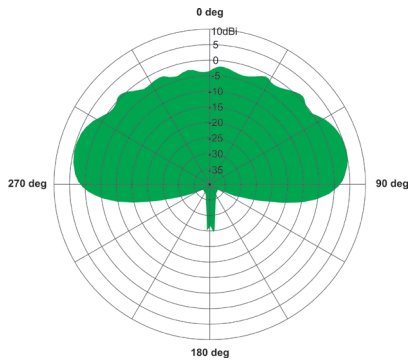
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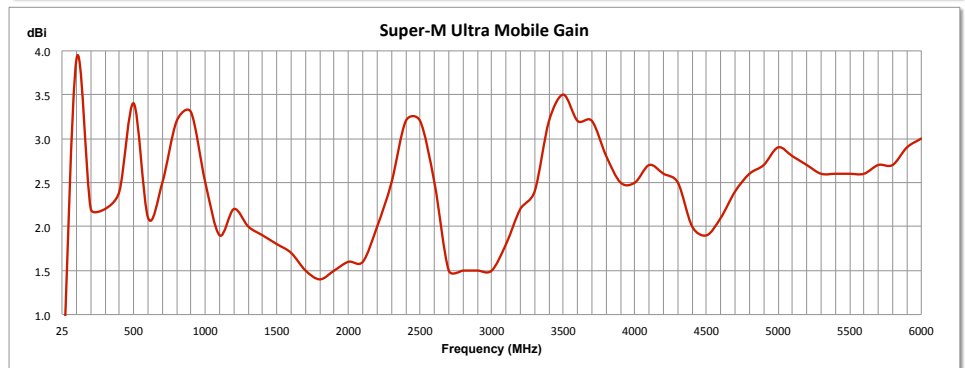
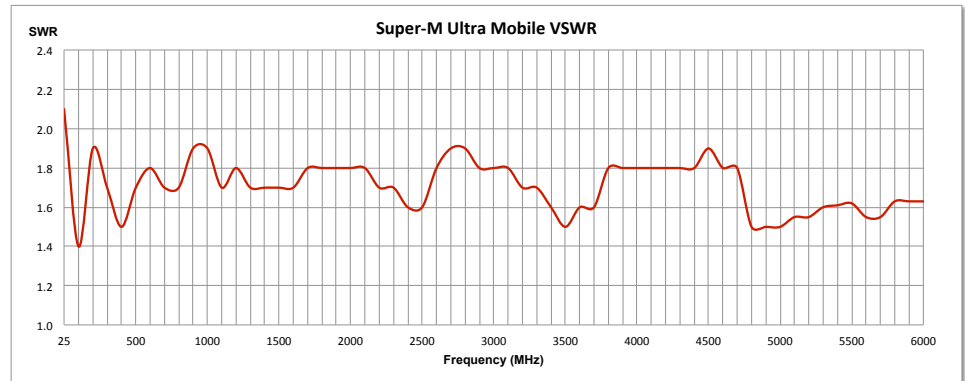
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Elevation Coordinate Pattern:



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## Physical Specifications

- Diameter: 12 in
- Height: 19 in
- Weight: 7 oz
- Connector: 5/16"-24 Thread  
Standard NMO style adapter included
- Construction: Stainless Steel, Aluminum
- Warranty: One year limited

## Typical Performance

- Frequency Range: 25MHz-6GHz Receive  
88MHz-6GHz Transmit
- Gain: 3dBi\*
- VSWR: 1:1-1.9:1
- Polarization: Multi-Polarized
- Power: 200 Watts < 512MHz Input  
100 Watts > 512MHz 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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