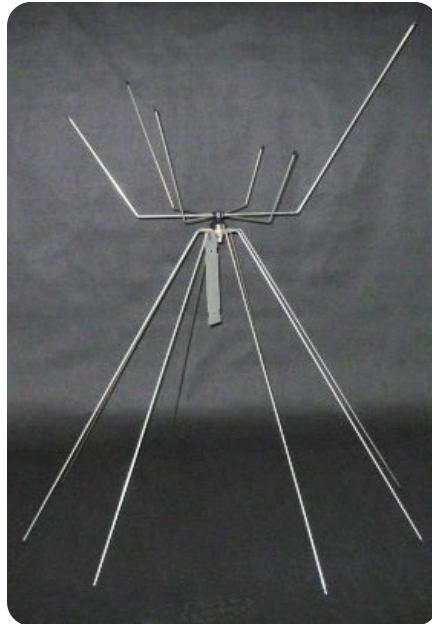


Super-M Ultra Base Data Sheet

MultiPolarized HAM, Scanner, and Two-Way Radio Antenna

Model No:
08-ANT-0861



Product Overview

Designed for HAM, Scanner and Two-Way Government/Commercial communications, the MultiPolarized **Super-M Ultra Base Station** antenna seamlessly covers the frequency range from 25MHz to 6GHz (88MHz - 6GHz transmit) providing unequaled wireless communication in “Real World” obstructed non-line-of-sight (NLOS) environments. The **Super-M Ultra Base Station** antenna is the gold level standard of two way communication incorporating MP Antenna technology for ultimate signal stability and is the widest bandwidth antenna on the market. 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
- Ultra Wide Band
- Flutter Reduction
- 360 degrees Azimuth Beam Width.
- Elevation Pattern: Peak signal from 15 degrees below horizon to 30 degrees above; Effective Spherical Signal Pattern
- **M-POL™** Quality and Performance
- ROHS Compliant

Applications

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

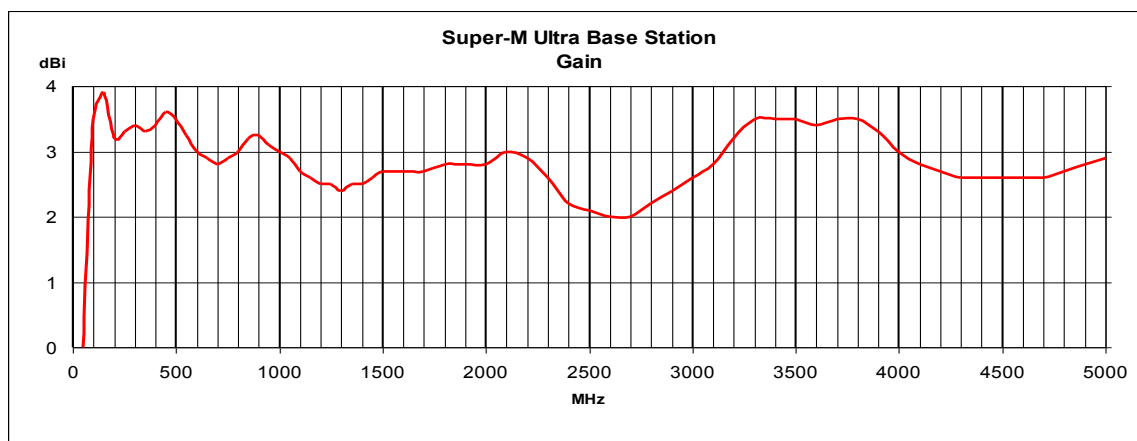
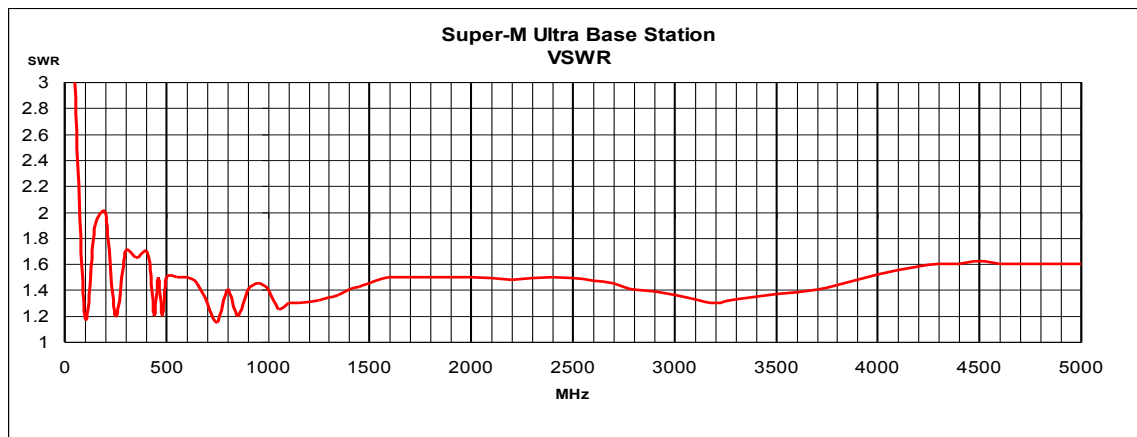
* **MP Antenna** products and technology are protected under United States Patent No. 6,496,152. Other patents pending. Please contact MP Antenna for information about using or licensing **MP Antenna** products or technology. REV: 012210

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Physical Specifications

Diameter: 28 in
Height: 39 in
Weight: 2 lbs
Construction: Stainless Steel, Aluminum
Connector: Type N-Female
Mast Mount Hardware Included
Warranty: One year limited.

Typical Performance

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

MP Antenna reserves the right to change product information and specifications without notice. Responsibility for the use and application of MP Antenna products rests with the end user since MP Antenna cannot be aware of all potential uses. MP Antenna makes no warranties as to the fitness, merchantability, or suitability of any MP Antenna products for any specific or general uses. MP Antenna shall not be liable for incidental or consequential damages of any kind.

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