



DATA SHEET

SUPER-M ULTRA BASE

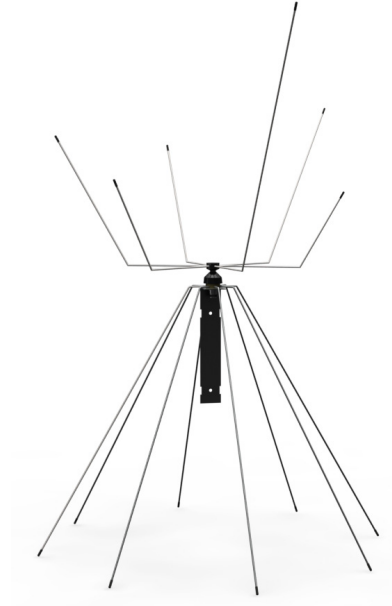
MULTI-POLARIZED HAM, SCANNER, AND TWO-WAY RADIO ANTENNA

MODEL NO:

08-ANT-0861

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 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 (120MHz - 6GHz transmit) providing unequalled 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.

Features

- Multi-Polarized
- Ultra Wide Band
- Flutter Reduction
- Built In Spatial Diversity
- Elevation Pattern: Peak signal from 15 degrees below the horizon to 30 degrees above; Effective Spherical Signal Pattern
- RoHS Compliant
- Mast Mount Hardware Included

Applications

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

rethink the antenna™

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.



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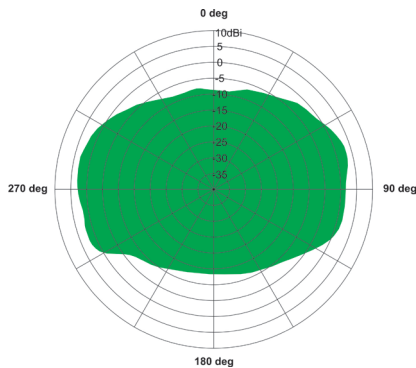
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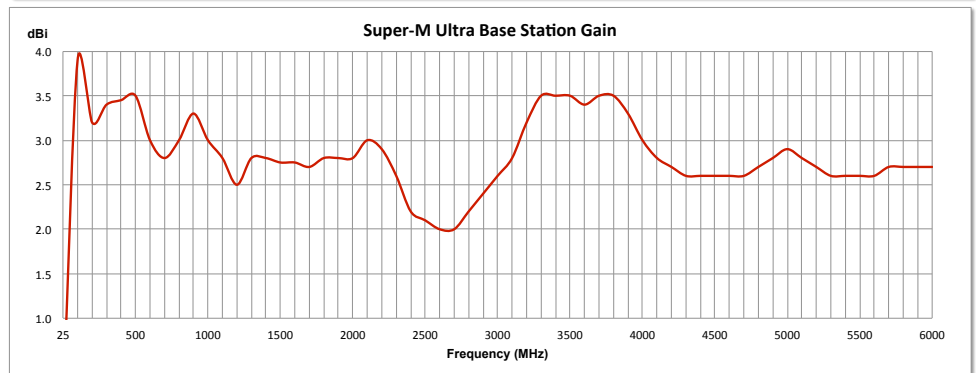
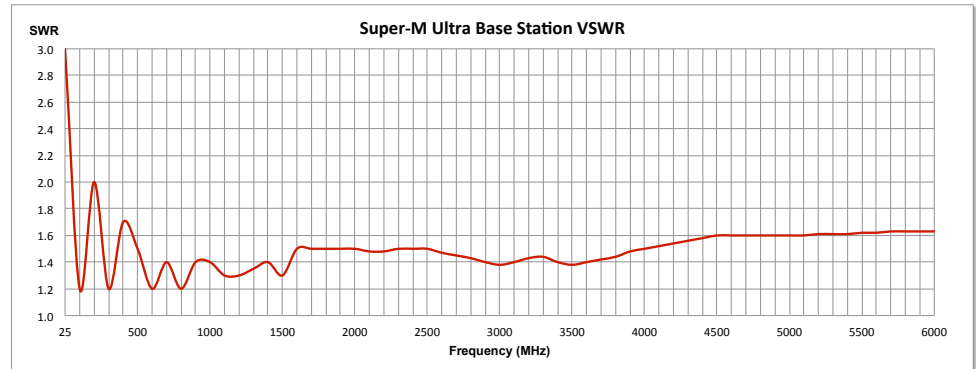
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Elevation Coordinate Pattern:



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Physical Specifications

- Diameter: 28 in
- Height: 39 in
- Weight: 2 lbs
- Connector: Type N-Female
- Construction: RoHS Compliant
- 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 Input < 512MHz
100 Watts Input > 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.

rethink the antenna™

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