



DATA SHEET

SUPER-M CLASSIC BASE

MULTI-POLARIZED HAM RADIO & SCANNER ANTENNA

MODEL NO:

08-ANT-0863

MP Antenna, LTD.
147 Eady Court
Elyria, Ohio 44035

440 387 5968 *phone*
877 678 3245 *fax*
sales@mpantenna.com
www.mpantenna.com



Product Overview

Designed for base station HAM Radio and Scanner applications, the MultiPolarized Super-M Classic Base Station antenna offers a light weight construction and is easily mast mounted with included hardware. The Super-M Classic Base Station seamlessly covers a frequency range from 25MHz to 1.3GHz (receive) and 2-Meter, 220 & 440 bands (transmit), 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 Classic Base Station the ideal antenna for signal stability in HAM Radio and Scanner applications. For ultimate performance use Super-M antennas on the receiver and transmitter to further reduce problematic dead zones and flutter.

Features

- Multi-Polarized
- Flutter Reduction
- 360 Degree Azimuth Beam Width
- 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

- HAM Radio
- Scanner

rethink the antenna™

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.* MP Antenna products and technology are protected under one or more of the United States Patents 6,496,152 6,806,841 7,030,831 7,138,956 7,236,129 7,348,933 7,791,555 7,916,097 D,623,633 D,634,308 and other United States and Foreign patents applied for.



DATA SHEET

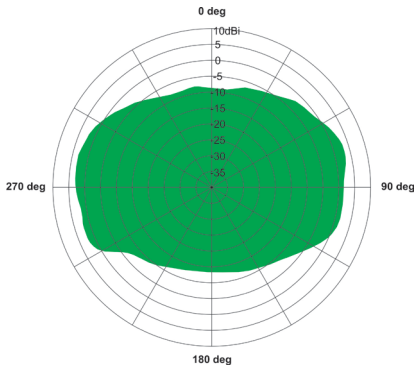
SUPER-M CLASSIC BASE

MULTI-POLARIZED HAM RADIO & SCANNER ANTENNA

MODEL NO:

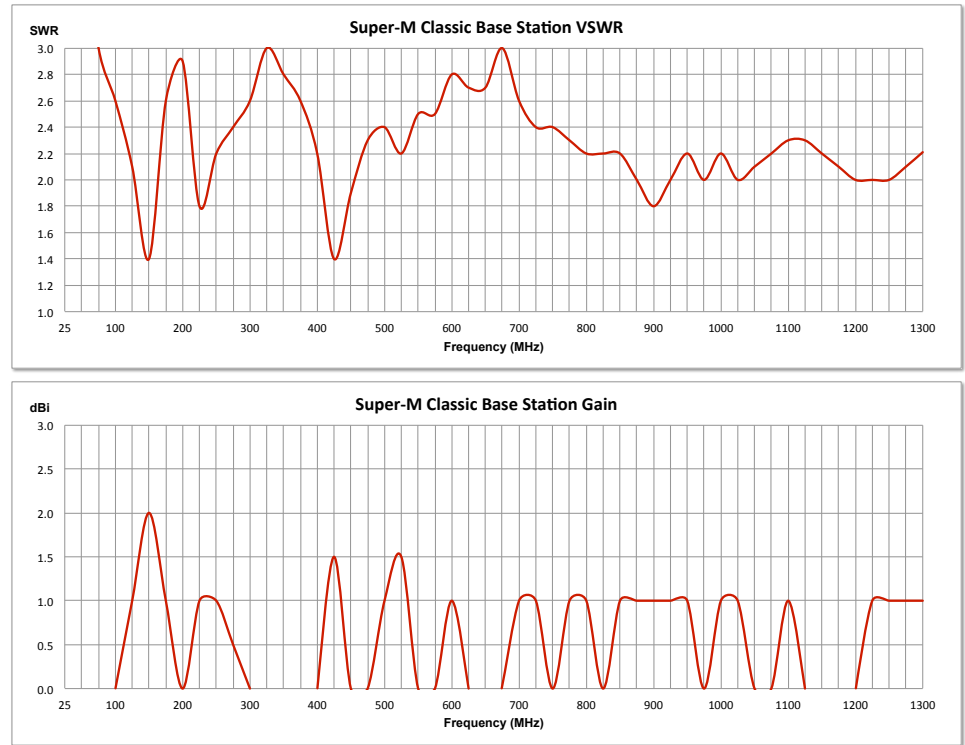
08-ANT-0863

Elevation Coordinate Pattern:



MP Antenna, LTD.
147 Eady Court
Elyria, Ohio 44035

440 387 5968 *phone*
877 678 3245 *fax*
sales@mpantenna.com
www.mpantenna.com



Physical Specifications

- Diameter: 21 in
- Height: 34 in
- Weight: 1.4 lbs
- Connector: Type N-Female
- Construction: RoHS Compliant
- Warranty: One year limited

Typical Performance

- Frequency Range: 25MHz-1300MHz (Receive)
2-Meter, 220 & 440 Bands (Transmit)
- Gain: 2dBi*
- VSWR: 1.1:1-1.8:1
- 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™

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.* MP Antenna products and technology are protected under one or more of the United States Patents 6,496,152 6,806,841 7,030,831 7,138,956 7,236,129 7,348,933 7,791,555 7,916,097 D,623,633 D,634,308 and other United States and Foreign patents applied for.