



DATA SHEET

SUPER-M CLASSIC BASE

MULTI-POLARIZED HAM RADIO & SCANNER ANTENNA

MODEL NO:

08-ANT-0863

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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

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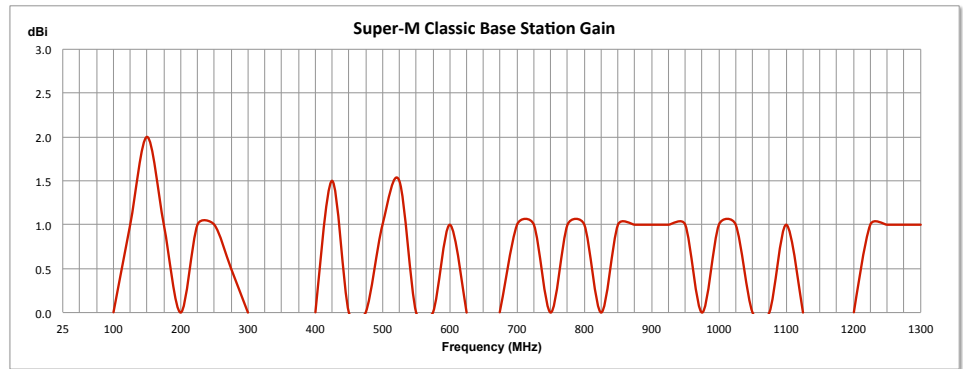
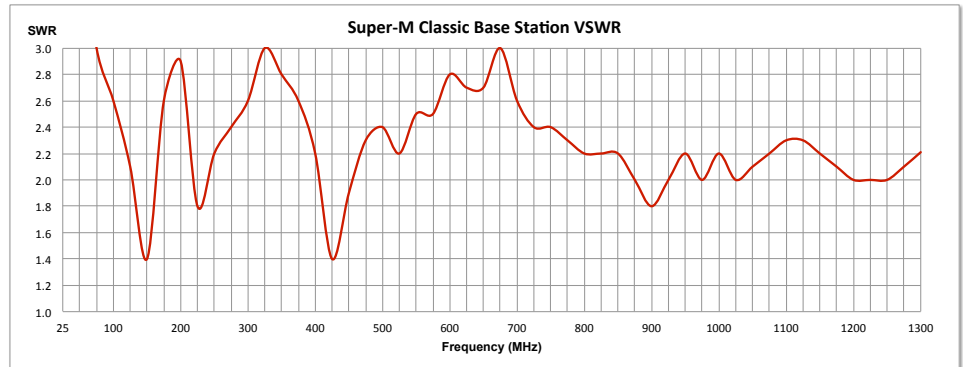
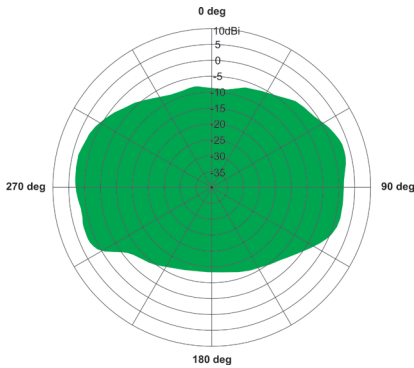
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Elevation Coordinate Pattern:



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.

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