

Super-M Ultra™ Mobile Antenna

For Scanner, HAM, & Two-Way Government/Commercial/Military Radio Operators

Product Overview

Designed for HAM, Scanner and Two-Way Government/Commercial communications, the new **Super-M Ultra™** Mobile Antenna seamlessly covers the frequency range from 25 MHz to 6 GHz (120 MHz – 6 GHz transmit). With its Ultra Wideband capability, The **Super-M Ultra™** Mobile Antenna is also well suited for demanding military, first responder, and homeland security applications. 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.



M-POL™ is the standard of excellence of MP Antenna Ltd. where multi-polarized antenna **technology** is incorporated into highly engineered product **design**, providing world class **quality** wireless performance across the entire frequency range.

Super-M Ultra™ Mobile Antenna

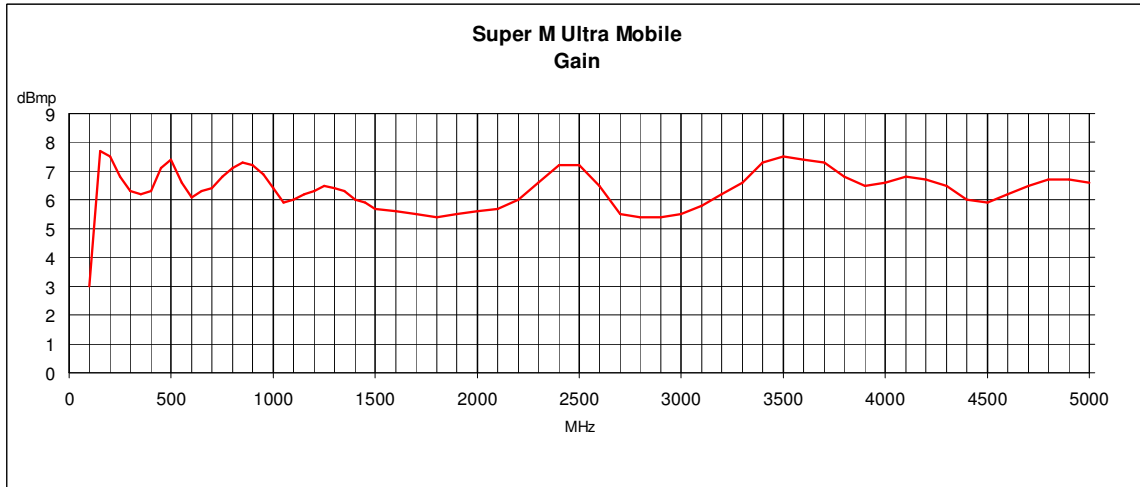
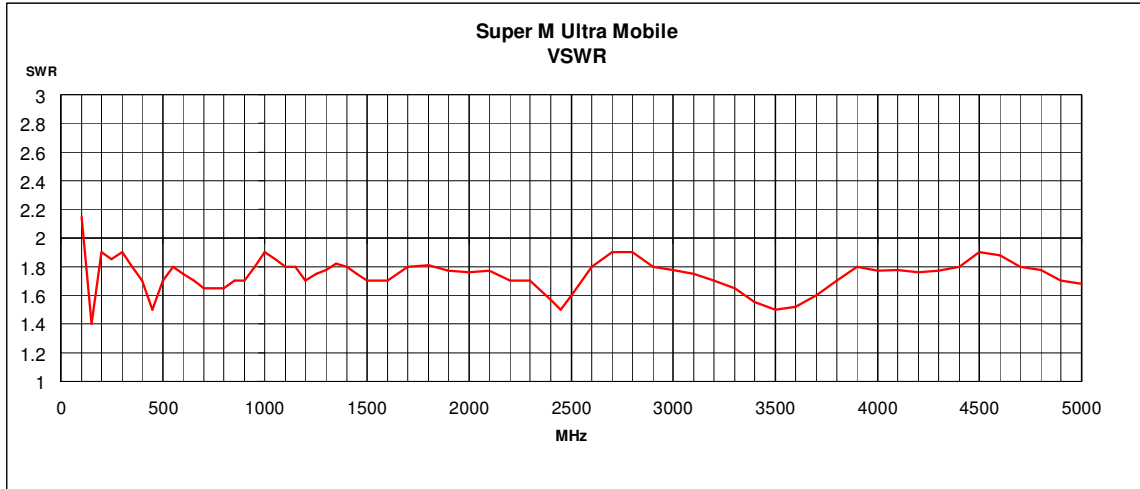
Offers unequalled performance from 25 MHz to 6 GHz (120 MHz – 6 GHz transmit) for mobile Scanner, HAM, Government/ Commercial/ Military communications.

Features

- Multi-Polarized
- Ultra Wide Band
- Flutter Reduction
- 360 Degrees Azimuth Beam Width
- Highly Effective Patterning
- Elevation Pattern: peak signal from the horizon to 30 degrees above; Effective Hemispherical Signal Pattern

Applications

- Commercial (Truck/Taxi/Airport)
- Government (Police/Fire/Ambulance)
- Military (all armed forces including DOD)
- Maritime/Marine
- Ham
- Scanner



Typical Performance

Frequency Range: 25MHz - 6GHz Receive
 120MHz - 6GHz Transmit
 Gain: 8dBmp*
 VSWR: 1:1-1.9:1
 Polarization: Multi
 Power Input: 200 Watts < 512MHz & 100 Watts > 512MHz
 Input: 50 ohms nominal

Physical Specifications

Diameter: 41 cm (16 in.)
 Height: 53 cm (21 in.)
 Weight: .14 Kg (.31 lbs.)
 Construction: Stainless/anodized aluminum base
 Connector: 5/16"-24 thread with NMO style adapter included

*dBmp is the effective "Real World" comparative gain as measured in obstructed environments using patented Multi-Polarized technology

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