

MobiusTM Data Sheet

700MHz – 2700MHz MultiPolarized Continuous Wide Band Antenna

Model No:

08-ANT-0884 (Black)

08-ANT-0885 (White)



Product Overview

The MobiusTM by MP Antenna is the latest in MultiPolarized technology providing superior patterning and continuous wideband performance (700MHz - 2700MHz) for fixed or mobile voice and data communications. Tested and approved by numerous police, fire, and public safety departments, the MobiusTM captures signals in all polarizations allowing users to transmit and receive inside, behind, and under buildings where other antennas fail to connect. With an integrated ground plane the MobiusTM installs on any surface and works seamlessly with any radio, repeater system, or data device to ensure maximum reliability for Emergency Services when it matters most.



M-POLTM 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
- Wideband Performance 700MHz – 2700MHz
- Obstruction Penetrating Send and Receive
- Built in Spatial Diversity
- Maximum Signal Stability
- Integrated Ground Plane
- UV Stabilized Materials
- Single 3/4" Hole Mount
- **M-POLTM** Quality and Performance

Applications

- Public Safety 700MHz - 900MHz
- 3G, CDMA, GSM, PCS, LTE
- 902-928 ISM
- Building Penetration and High Obstruction Deployments

* **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: 062110

Mobius™ Data Sheet

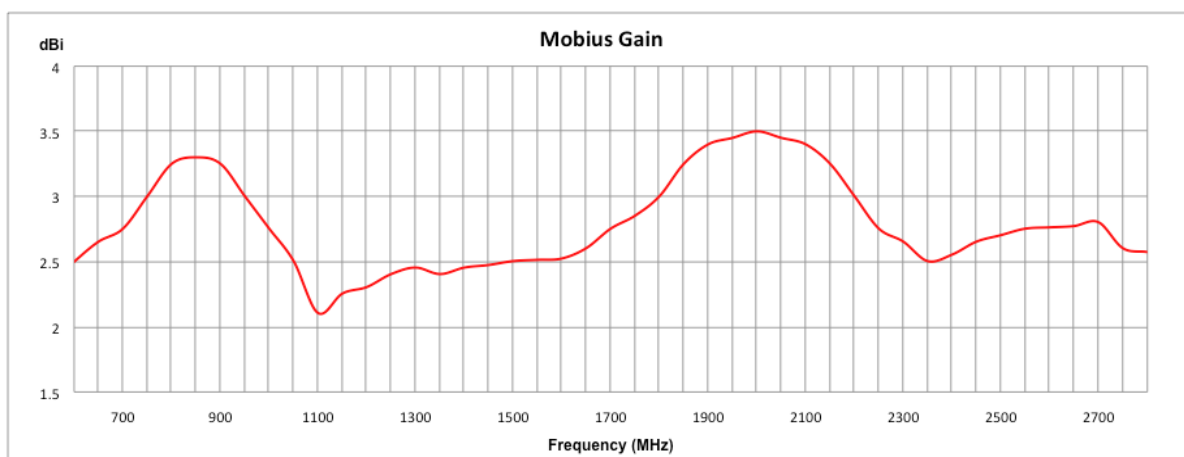
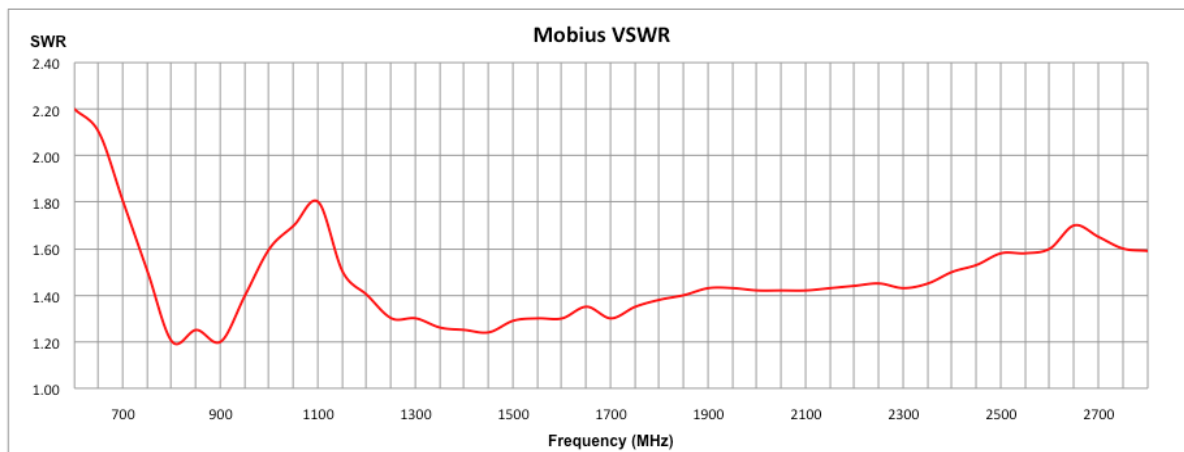
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Physical Specifications

Diameter: 7.5 in
Height: 7 in
Weight: 12 oz
Construction: UV Stabilized Polymers
Warranty: One year limited.

Typical Performance

Frequency
Range: 700 - 2700MHz
Gain: 3dBi*
VSWR: 1.2:1-1.8:1
Polarization: MultiPolarized
Power Input: 100 Watts < 1000MHz
50 Watts > 1000MHz
Impedance: 50 ohms nominal

Part Numbers and Available Connectors

Mobius Mobile (Black): 08-ANT-0884

SMA Male Connector w/ 8" LMR100 Pigtail

Mobius Indoor/Outdoor (White): 08-ANT-0885

N-Female Connector w/ 18" LMR195 Pigtail

***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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