



DATA SHEET

MOBIUS

MULTI-POLARIZED CONTINUOUS WIDE BAND ANTENNA

MODEL NO:

08-ANT-0884 (Black)

08-ANT-0885 (White)

MP Antenna, LTD.
7887 Bliss Parkway
North Ridgeville, Ohio 44039

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Product Overview

The Mobius™ by MP Antenna is the latest in Multi-Polarized technology providing superior patterning and continuous wideband performance (700MHz - 2700MHz) for fixed or mobile voice and data communications. Tested and approved by numerous first responder (Police, Fire, EMS), and in-building solution providers (DAS, BDA) the Mobius™ allows users to transmit and receive in real world environments where other antennas fail to connect. With an integrated ground plane the Mobius™ installs on any surface and works seamlessly with any radio, repeater system, or data device to ensure maximum reliability when it matters most.

Features

- Multi-Polarized
- Wideband Performance (700MHz-2700MHz)
- Maximum Signal Stability
- Built In Spatial Diversity
- Integrated Ground Plane
- UV Stabilized Materials
- Single 3/4" Mount

Applications

- Public Safety Communications
- 3G, CDMA, GSM, PCS, LTE
- DAS, BDA Systems
- 902MHz - 928MHz ISM
- Remote Monitoring
- SCADA
- Building Penetration and High Obstruction Deployments



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PART NUMBERS AND
AVAILABLE CONNECTORS:

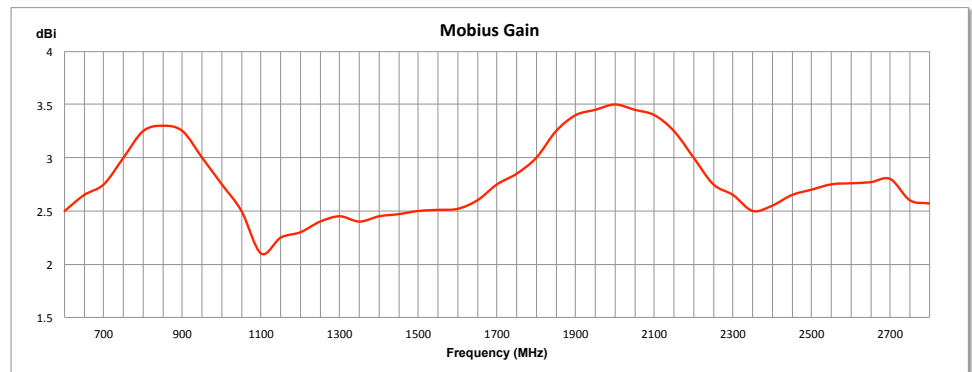
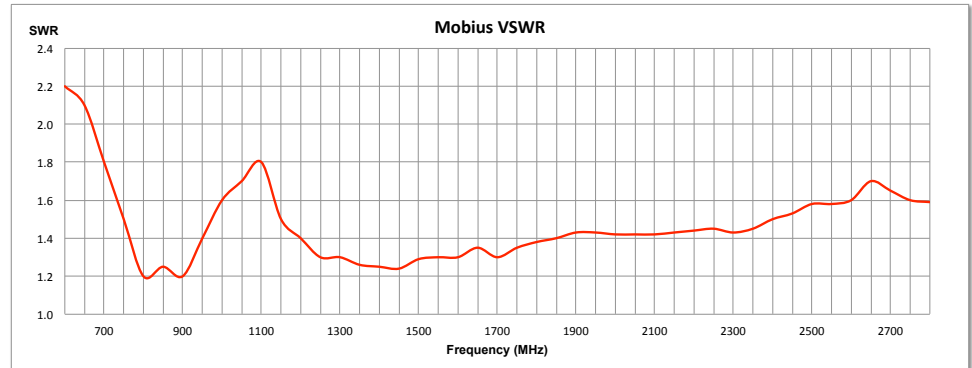
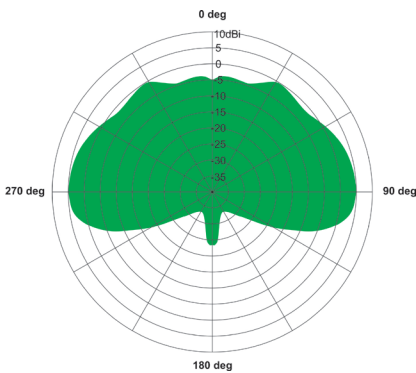
08-ANT-0884

MOBIUS MOBILE, BLACK:
8" LMR100 PIGTAIL W/ SMA MALE

08-ANT-0885

MOBIUS INDOOR/OUTDOOR, WHITE:
18" LMR195 PIGTAIL W/ N-FEMALE

Elevation Coordinate Pattern



Physical Specifications

- Diameter: 7.5 in
- Height: 7 in
- Weight: 12 oz
- Connector: SMA Male, N-Female
- Construction: UV Stabilized Polymers
- Warranty: One year limited

Typical Performance

- Frequency Range: 700-2700MHz
- Gain: 3dBi*
- VSWR: 1.2:1-1.8:1
- Polarization: Multi-Polarized
- Power: 100 Watts Input < 1000MHz
50 Watts Input > 1000MHz
- 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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rethink the antenna™

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