



DATA SHEET

# MOBIUS

MULTI-POLARIZED CONTINUOUS WIDE BAND ANTENNA

MODEL NO:

**08-ANT-0885**

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

877 678 3243 *phone*  
877 678 3245 *fax*  
sales@mpantenna.com  
www.mpantenna.com



## 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

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



# DATA SHEET

# MOBIUS

## MULTI-POLARIZED CONTINUOUS WIDE BAND ANTENNA

MODEL NO:

**08-ANT-0885**

PART NUMBERS AND  
AVAILABLE CONNECTORS:

**08-ANT-0885**

WHITE, LMR195 PIGTAIL, N-FEMALE

**08-ANT-0885-W-NM**

WHITE, LMR195 PIGTAIL, N-MALE

**08-ANT-0885-W-SMAF**

WHITE, LMR195 PIGTAIL, SMA-FEMALE

**08-ANT-0885-W-SMAM**

WHITE, LMR195 PIGTAIL, SMA-MALE

**08-ANT-0885-B-NF**

BLACK, LMR195 PIGTAIL, N-FEMALE

**08-ANT-0885-B-NM**

BLACK, LMR195 PIGTAIL, N-MALE

**08-ANT-0885-B-SMAF**

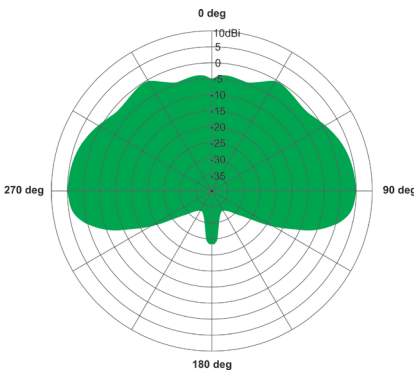
BLACK, LMR195 PIGTAIL, SMA-FEMALE

**08-ANT-0885-B-SMAM**

BLACK, LMR195 PIGTAIL, SMA-MALE



Elevation Coordinate Pattern



## 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: 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.