



DATA SHEET

MOBIUS-NMO

MULTI-POLARIZED NMO MOUNT ANTENNA

MODEL NO:

08-ANT-0902

Features

- Multi-Polarized
- Multiband Performance (700MHz-2700MHz)
- Maximum Signal Stability
- Built In Spatial Diversity
- Easy Installation
- RoHS Compliant
- Fits High Frequency NMO mounts with removable pin only.

Applications

- Public Safety Communications
- 3G, CDMA, GSM, PCS, LTE
- DAS, BDA Systems
- 902MHz - 928MHz ISM
- Remote Monitoring
- SCADA
- M2M
- High Obstruction Deployments

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Product Overview

The Mobius-NMO is the latest in Multi-Polarized technology providing superior patterning and continuous wideband performance (700MHz - 2700MHz) for mobile voice and data communications. Tested and approved by numerous first responder (Police, Fire, EMS), the Mobius-NMO allows users to transmit and receive in real world environments where other antennas fail to connect. Installs on High Frequency Pin Style NMO Mounts and works seamlessly with any radio, repeater system, or data device to ensure maximum reliability when it matters most. (Fits High Frequency Pin Style NMO Mounts Only)

Physical Specifications

- Diameter: 4.5 in
- Height: 4 in
- Weight: 4 oz
- Construction: UV Stabilized ASA
- Color: Black or White
- Connector: HF NMO Style
- Warranty: One year limited
- Ground Plane: Not included

**Fits high frequency pin style NMO mounts only.



Typical Performance

- Frequency Range: 700-2700MHz
- Gain: 2.9 dBd (5dBi)*
- 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.

rethink the antenna™

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