



DATA SHEET

OMNI 3GHZ-NMO

MULTI-POLARIZED NMO MOUNT ANTENNA

MODEL NO:

08-ANT-0903

Features

- Multi-Polarized
- Obstruction Penetrating TX/RX
- Enhanced Connectivity & Throughput
- Built In Spatial Diversity
- Low Profile
- RoHS Compliant
- Fits High Frequency NMO mounts with removable pin only.

Applications

- Wireless Broadband Systems
- WIMAX
- High Obstruction Deployments

MP Antenna, LTD.

147 Eady Court

Elyria, Ohio 44035

440 387 5968 *phone*

877 678 3245 *fax*

sales@mpantenna.com

www.mpantenna.com



Product Overview

The Omni 3GHz-NMO is a low profile Multi-Polarized antenna designed for mobile data communications. The exceptional effective hemispherical, Multi-Polarized signal pattern provides unequalled wireless communication in “Real World” obstructed, non-line-of-sight (NLOS) environments. The Omni 3GHz-NMO utilizes signals in all polarizations allowing users to transmit and receive all available signals in real world obstructed environments where other antennas fail to connect.

Physical Specifications

- Diameter: 2.5 in
- Height: 1.75 in
- Weight: 2 oz
- Connector: HF NMO Style
- Construction: UV Stabilized ASA
- Color: Black or White
- Warranty: One year limited
- Ground Plane: Not included

**Fits high frequency pin style NMO mounts only.



Typical Performance

- Frequency Range: 3-4GHz
- Gain: 6dBi*
- VSWR: 1:1-1.2:1
- Polarization: Multi-Polarized
- Power: 50 Watts Input
- 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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