



DATA SHEET

OMNI DUAL BAND-NMO

MULTI-POLARIZED NMO MOUNT ANTENNA

MODEL NO:

08-ANT-0904

Features

- Multi-Polarized
- Obstruction Penetrating TX/RX
- Enhanced Connectivity & Throughput
- Built In Spatial Diversity
- Low Profile
- RoHS Compliant

Applications

- 2.4 & 5 GHz Band Applications
- 802.11b,g,n Wireless Systems
- Wireless Broadband Systems
- Wireless Mesh Systems
- WIMAX
- Vehicle WiFi
- High Obstruction Deployments



Product Overview

The Omni Dual Band-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 Dual Band-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.

MP Antenna, LTD.

147 Eady Court

Elyria, Ohio 44035

440 387 5968 *phone*

877 678 3245 *fax*

sales@mpantenna.com

www.mpantenna.com



Physical Specifications

- Diameter: 2.5 in
- Radome 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: 2-3GHZ, 4.9-5.9GHZ
- 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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