



DATA SHEET

OMNI DUAL BAND-N

MULTI-POLARIZED PERMANENT MOUNT ANTENNA

MODEL NO:

08-ANT-0930

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

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 Dual Band-N 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-N 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
- Radome Height: 1.75 in
- Weight: 2.6 oz
- Connector: N-Female
- Construction: UV Stabilized ASA
- Color: Black or White
- Warranty: One year limited
- Ground Plane: Not Included
- operation temperature: -40 to 85 deg C
- Storage temperature: -40 to 85 deg C
- Transport temperature: -40 to 85 deg C

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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