



DATA SHEET

2X-MIMO-DUAL BAND

MULTI-POLARIZED DUAL FEED MIMO ANTENNA

MODEL NO:

08-ANT-0943-2X

Features

- Two Separate Antenna Feeds
- Obstruction Penetrating TX/RX
- Enhanced Connectivity & Throughput
- Built In Spatial Diversity
- Wide Band Performance
- Integrated Ground Plane
- UV Stabilized Materials
- Single 3/4" Stud Mount

Applications

- Wireless Broadband Systems
- WiFi AP, Router, Bridge, CPE
- 2.4 & 5 GHz Band Applications
- Wireless Broadband Systems
- Wireless Mesh Systems
- Vehicle WiFi
- High Obstruction Deployments
- Outdoor Fixed or Mobile Applications

Physical Specifications

- Diameter: 4.5 in
- Height: 2.5 in
- Weight: 12 oz
- Construction: UV ASA
- Cables: LMR200, 12 in
- Warranty: One year limited
- Ground Plane: Built In

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Product Overview

The 2X-MIMO-DUAL BAND by MP Antenna is a low profile Multi-Polarized MIMO (Multiple-Input-Multiple-Output) antenna providing superior patterning and continuous wideband performance (4.9GHz - 6GHz) for outdoor fixed or mobile data communications. The 2X-MIMO-DUAL BAND provides two separate antenna feeds and elements that provide maximum diversity for 2.4/4.9/5.8 GHz WiFi and WiMAX broadband wireless frequencies. Featuring a built in ground plane, high performance low loss cables, and high quality connectors for maximum system efficiency. Custom configurations are also available.

Typical Performance

- Frequency Range: 2.4-3GHz, 4.9-6 GHz
- Gain: 4dBi*
- VSWR: 1.1:1-1.5:1
- 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.

Available Part Numbers

08-ANT-0943-2X-RPSMA
White, 12" LMR200 Pigtail, RPSMA-Male

08-ANT-0943-2X-NF
White, 12" LMR200 Pigtail, N-Female

08-ANT-0943-2X-NM
White, 12" LMR200 Pigtail, N-Male

08-ANT-0943-2X-SMAM
White, 12" LMR200 Pigtail, SMA-Male

08-ANT-0943-2X-RPTNC
White, 12" LMR200 Pigtail, RPTNC-Male

08-ANT-0943-2X-TNC
White, 12" LMR200 Pigtail, TNC-Male

****Custom Configurations Available****

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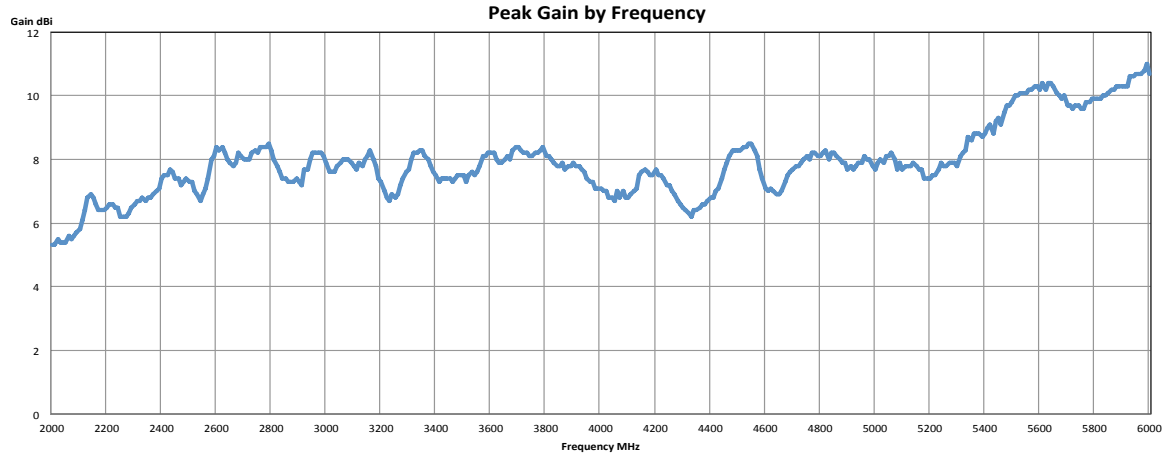
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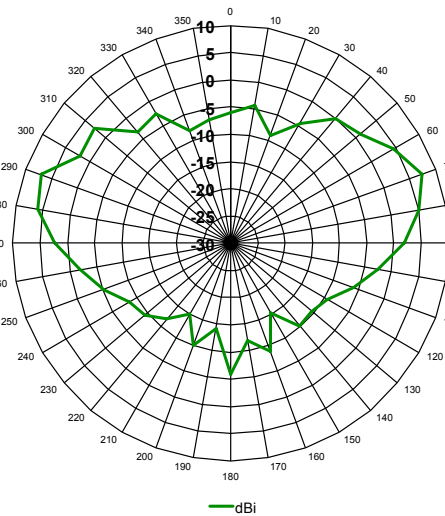
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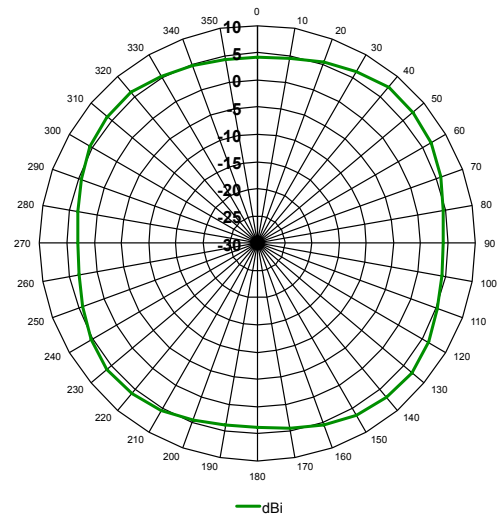
MULTI-POLARIZED DUAL FEED MIMO ANTENNA



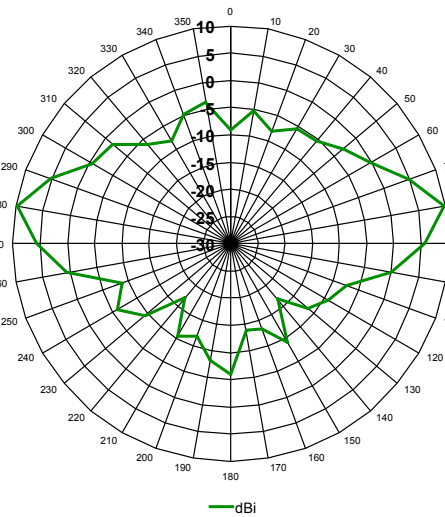
2.4GHz Elevation Radiation Pattern



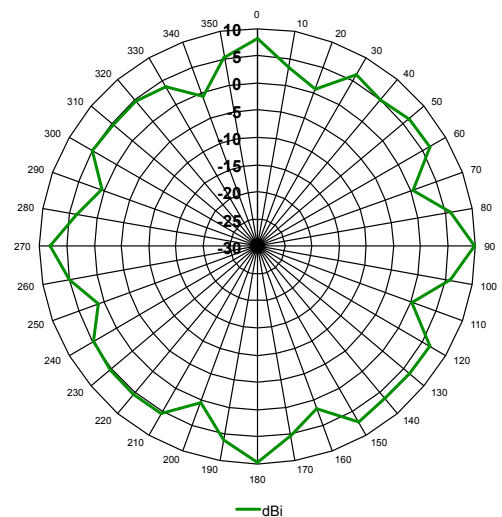
2.4GHz Azimuth Radiation Pattern



5.8GHz Elevation Radiation Pattern



5.8GHz Azimuth Radiation Pattern



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