



DATA SHEET

3X-MIMO-2.4GHz

MULTI-POLARIZED DUAL FEED OUTDOOR MIMO ANTENNA

MODEL NO:

08-ANT-0942-3X

Features

- Three 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

- 2.4 GHz ISM Band Applications
- 802.11b,g,n Wireless Systems
- Wireless Broadband Systems
- WiMAX
- Vehicle WiFi
- Remote Video Monitoring
- Public Safety Communications
- 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

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 3X-MIMO-2.4GHz by MP Antenna is a low profile Multi-Polarized MIMO (Multiple-Input-Multiple-Output) antenna providing superior patterning and continuous wideband performance (2GHz - 3GHz) for outdoor fixed or mobile data communications. The 3X-MIMO-2.4GHz provides three separate antenna feeds and elements that provide maximum diversity for 2 - 3GHz 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: 2-3 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-0942-3X-RPSMA
White, 12" LMR200 Pigtail, RPSMA-Male

08-ANT-0942-3X-NF
White, 12" LMR200 Pigtail, N-Female

08-ANT-0942-3X-NM
White, 12" LMR200 Pigtail, N-Male

08-ANT-0942-3X-SMAM
White, 12" LMR200 Pigtail, SMA-Male

08-ANT-0942-3X-RPTNC
White, 12" LMR200 Pigtail, RPTNC-Male

08-ANT-0942-3X-TNC
White, 12" LMR200 Pigtail, TNC-Male

Custom Configurations Available

rethink the antenna™

MP Antenna reserves the right to change product information and specifications without notice. Responsibility for the use and application of MP Antenna products rests with the end user since MP Antenna cannot be aware of all potential uses. MP Antenna makes no warranties as to the fitness, merchantability, or suitability of any MP Antenna products for any specific or general uses. MP Antenna shall not be liable for incidental or consequential damages of any kind.* MP Antenna products and technology are protected under one or more of the United States Patents 6,496,152 6,806,841 7,030,831 7,138,956 7,236,129 7,348,933 7,791,555 7,916,097 D,623,633 D,634,308 and other United States and Foreign patents applied for.