

MPMI5004-3-RPC

5 GHz, 3-Element MIMO

Multi-Mount Omnidirectional Antenna

This product is an omnidirectional, 3-element MIMO antenna for the 5 GHz band designed to interface with 3-port indoor access points offering 802.11n coverage.

Features

- Omni-directional antenna for indoor or outdoor operation
- Operates over the entire 5 GHz band (5150 MHz - 5850 MHz)
- MIMO enclosure - three antennas in the same housing
- White UL-94V0 radome
- Plenum rated, outdoor capable coaxial cables with RP-TNC plug connectors
- Azimuth and elevation plane adjustable wall mount
- Azimuth and elevation plane adjustable mast mount
- Ceiling mounting with bulkhead



Electrical Specifications

Operating Frequency Range	Nominal Input Impedance	2:1 VSWR Bandwidth	Peak Gain	Polarization	Elevation Plane 3 dB Beamwidth	Azimuth Plane 3 dB Beamwidth
5150 MHz - 5850 MHz	50 Ohms	5150-5850 MHz	4 dBi (including 3 feet of cable)	Linear, Vertical	35 degrees	Omni-directional

Mechanical Specifications

Radome Dimensions	Radome Material	Radome Color	Cable	Connectors (3)	Mounting Options
8.6 H x 6.3 OD inches	UL94 V-0 rated Polycarbonate	White	Three 36-inch long Plenum Rated, UV stable and cold temperature capable low loss RG-58/U leads.	Reverse Polarity TNC (male) ANSI 7/16-28 UNEF 2B threads	1.5-inch stud mount. Universal wall and mast mountable with included articulating mount. All tools and hardware are included. Minimum +/- 90° azimuth plane adjustment and +20/-30 degree elevation plane adjustment required. Mounts to mast up to 1-1/2" in diameter

Environmental Specifications

Environment	Operating Temperature Range	Storage Temperature Range	Ingress Protection
Indoor/Outdoor	-30°C to +70° C	-40°C to +85°C	IP-54

Ceiling mountable to 1" thick ceiling tile with jam nut. Also includes rubber washer for mounting to smooth surfaces such as NEMA enclosures.