

Dual-band, Six-Port MIMO Wall Mount Directional Panel Antenna

The MPMI2458RPC-6 directional MIMO antenna provides six-port diversity coverage of 2.4-2.5 GHz WiFi and 4.9-5.9 GHz Public Safety/ISM/WiFi/WiMAX broadband wireless frequencies in an attractive, low profile package. It is designed for indoor or outdoor installations.

Features

- Multi-band coverage of 2.4-2.5 GHz ISM and 4.9-5.9 GHz broadband wireless frequencies
- Three 2.4-2.5 GHz and three 4.9-5.9 GHz integrated elements terminated with high performance, low loss cable
- Attractive low profile radome addresses strict aesthetic requirements
- UL 94-V0 listed plastic and PC boards address strict building safety code specifications
- Includes heavy duty articulating mount for wall or mast mount installations



MPMI2458RPC-6 RF/Electrical Specifications

| Frequency Range | Gain | Horizontal Beamwidth | Vertical Beamwidth | Front-to-Back Ratio |
|-----------------|-------|----------------------|--------------------|---------------------|
| 2.4-2.5 GHz | 4 dBi | 75° | 69° | 16 dB |
| 4.9-5.9 GHz | 4 dBi | 82° | 69° | 22 dB |

Mechanical Specifications

| Dimensions | Weight (Mass) | Temperature Range | Wind Loading (Frontal) @ 100 mph Wind |
|---|----------------------|-------------------|---------------------------------------|
| 8.8" x 8.1" x 1.6" (22.4 x 20.6 x 4.06 cm) | 1.2 lbs (0.54 kg) | -30°C to +70°C | 27.9 lbs |



Technical Data

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| Maximum Power Input: 20 watts |
| Polarization: Linear, vertical |
| Nominal Impedance: 50 ohms |
| VSWR: < 2.0:1 |
| Radome Material: UL 94-V0 plastic |
| Cable: Six RG-58PLW cables |
| Connector: Reverse Polarity TNC male (standard) |
| Mounting Method MPAB14 die cast articulating mount with $\pm 25^\circ$ uptilt/downtilt adjustment (included). Wall or 1.5" OD max. mast installations |