

## 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

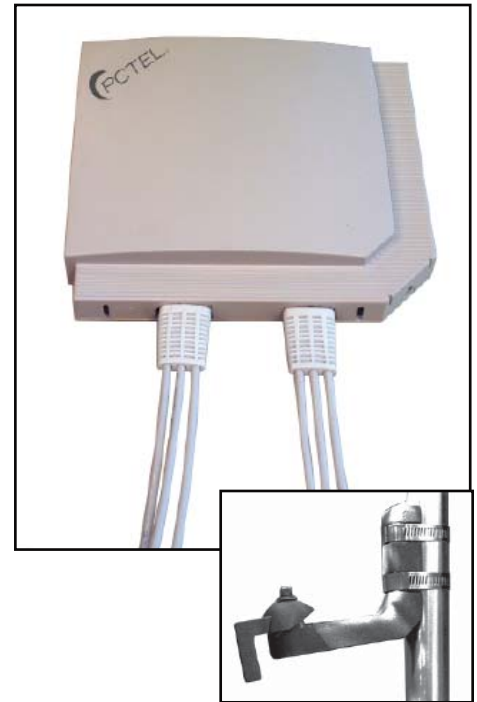
- Multi-band coverage of 2.4-2.5 GHz ISM and 4.9-5.9 GHz broadband wireless frequencies
- Three 2.4-2.5 GHz and three 4.9-5.9 GHz integrated elements terminated with high performance, low loss cable
- Attractive low profile radome addresses strict aesthetic requirements
- UL 94-V0 listed plastic and 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

<b>Maximum Power Input:</b> 20 watts
<b>Polarization:</b> Linear, vertical
<b>Nominal Impedance:</b> 50 ohms
<b>VSWR:</b> < 2.0:1
<b>Radome Material:</b> UL 94-V0 plastic
<b>Cable:</b> Six 36-inch RG-58PLW cables
<b>Connector:</b> Reverse Polarity TNC male (standard)
<b>Mounting Method</b> MPAB14 die cast articulating mount with ±25° uptilt/downtilt adjustment (included). Wall or 1.5" OD max. mast installations