

## MPAMB Series Portable Omnidirectional Antennas

The MPAMB portable antennas are designed for indoor wireless applications requiring multiple band coverage. Each rugged antenna features a compact “blade” style design and 0-90° articulating knuckle. A no knuckle model is also available.

### Features

- Multi-band performance.
- Ground plane independent design provides added installation flexibility.
- Rugged polycarbonate housing provides added durability for use in demanding wireless environments.
- Articulating knuckle provides 0°-90° pivot and 180° swivel movement allowing vertical orientation of the antenna, regardless of the orientation or position of the wireless device. (All models, except MPAMB806217ONKMSMA.)

### Electrical Specifications

Model	Frequency Range	Gain
MPAMB8062170	806-960 MHz / 1710-2170 MHz	0 dBi (all frequencies)
MPAMB806217ONKMSMA	806-960 MHz / 1710-2170 MHz	0 dBi (all frequencies)
MPAMB24495804	2.4-2.5 GHz / 4.94 - 5.85 GHz	2.14 dBi / 4 dBi
MPAMB515804	5.15 - 5.85 GHz	3 dBi (all frequencies)

### Mechanical Specifications

Model	Antenna Height	Temperature Range	Knuckle Movement
MPAMB8062170	7-5/8” (19.4 cm)	-30°C to +70°C	180° swivel, 0°-90° knuckle
MPAMB806217ONKMSMA	6.5” (16.5 cm)	-40°C to +85°C	n/a
MPAMB24495804	6” (15.2 cm)	-40°C to +85°C	180° swivel, 0°-90° knuckle
MPAMB515804	5.3” (13.4 cm)	-40°C to +85°C	180° swivel, 0°-90° knuckle



MPAMB series with knuckle



MPAMB806217ONK



### Technical Data

<b>Maximum Power:</b> 5 watts
<b>Polarization:</b> Vertical, linear
<b>Nominal Impedance:</b> 50 ohms
<b>VSWR:</b> < 2.0:1
<b>Connector Type:</b> TNC male (MPAMB8062170 only) Male SMA (MPAMB806217ONKMSMA only) Reverse Polarity TNC (All other models)

For detailed specifications, visit <http://antenna.pctel.com>.