

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. Select no knuckle models also available.

Features

- Multiband 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 (unless otherwise specified)



MPAMB series with knuckle



MPAMB8062170NK

MPAMB700MSMA

RF/Electrical Specifications

| Model | Frequency Range | Gain | Polarization | Maximum Power | Nominal Impedance | VSWR |
|---------------------|-------------------------------|-----------------|------------------|---------------|-------------------|---------|
| MPAMB8062170 | 806-960 MHz / 1.71-2.17 GHz | 0 dBi (average) | Vertical, linear | 5 Watts | 50 Ohms | < 2.5:1 |
| MPAMB8062170NKMSMA | 806-960 MHz / 1.71-2.17 GHz | 0 dBi (average) | Vertical, linear | 5 Watts | 50 Ohms | < 2.5:1 |
| MPAMB8062170NKRPSM | 806-960 MHz / 1.71-2.17 GHz | 0 dBi (average) | Vertical, linear | 5 Watts | 50 Ohms | < 2.5:1 |
| BMPAMB8062170RPTNC | 806-960 MHz / 1.71-2.17 GHz | 0 dBi (average) | Vertical, linear | 5 Watts | 50 Ohms | < 2.5:1 |
| BMPA3637C | 3.6-3.7 GHz | 3 dBi (average) | Vertical, linear | 5 Watts | 50 Ohms | < 2.5:1 |
| MPAMB24495804 | 2.4-2.5 GHz / 4.94 - 5.85 GHz | 2.14 dBi/4 dBi | Vertical, linear | 5 Watts | 50 Ohms | < 2.5:1 |
| MPAMB24495804-RPSMA | 2.4-2.5 GHz / 4.94 - 5.85 GHz | 2.14 dBi/4 dBi | Vertical, linear | 5 Watts | 50 Ohms | < 2.5:1 |
| MPAMB515804 | 5.15 - 5.85 GHz | 3 dBi (average) | Vertical, linear | 5 Watts | 50 Ohms | < 2.5:1 |
| MPAMB700MSMA | 698-960 MHz / 1.71-2.70 GHz | 2 dBi (average) | Vertical, linear | 5 Watts | 50 Ohms | < 2.5:1 |
| MPAMB700MTNC | 698-960 MHz / 1.71-2.70 GHz | 2 dBi (average) | Vertical, linear | 5 Watts | 50 Ohms | < 2.5:1 |

Mechanical Specifications

| Model | Antenna Height | Temperature Range | Knuckle Movement | Color | Connector Type |
|---------------------|--------------------|---------------------------------|-----------------------------|-------|---------------------------|
| MPAMB8062170 | 7-5/8 in (19.4 cm) | -22°F to +158°F(-30°C to +70°C) | 180° swivel, 0°-90° knuckle | Gray | TNC Male |
| MPAMB8062170NKMSMA | 6.5 in (16.5 cm) | -40°F to +167°F(-40°C to +75°C) | n/a | Gray | SMA Male |
| MPAMB8062170NKRPSM | 6.5 in (16.5 cm) | -40°F to +167°F(-40°C to +75°C) | n/a | Gray | Reverse Polarity SMA Male |
| BMPAMB8062170RPTNC | 7-5/8 in (19.4 cm) | -22°F to +158°F(-30°C to +70°C) | 180° swivel, 0°-90° knuckle | Black | Reverse Polarity TNC Male |
| BMPA3637C | 6 in (15.2 cm) | -40°F to +167°F(-40°C to +75°C) | 180° swivel, 0°-90° knuckle | Black | TNC Male |
| MPAMB24495804 | 6 in (15.2 cm) | -40°F to +167°F(-40°C to +75°C) | 180° swivel, 0°-90° knuckle | Black | Reverse Polarity TNC Male |
| MPAMB24495804-RPSMA | 6 in (15.2 cm) | -40°F to +167°F(-40°C to +75°C) | 180° swivel, 0°-90° knuckle | Black | Reverse Polarity SMA Male |
| MPAMB515804 | 5.3 in (13.4 cm) | -40°F to +167°F(-40°C to +75°C) | 180° swivel, 0°-90° knuckle | Black | Reverse Polarity TNC Male |
| MPAMB700MSMA | 8.3 in (21.1 cm) | -40°F to +167°F(-40°C to +75°C) | 180° swivel, 0°-90° knuckle | Black | SMA Male |
| MPAMB700MTNC | 8.3 in (21.1 cm) | -40°F to +167°F(-40°C to +75°C) | 180° swivel, 0°-90° knuckle | Black | TNC Male |



*MPAMB24495804 and MPAMB700 models are IP54 rated.