

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.

