

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 MPAMB8062170NKMSMA.)



MPAMB series with knuckle

RF/Electrical Specifications

Model	Frequency Range	Gain
MPAMB8062170	806-960 MHz / 1.71-2.17 GHz	0 dBi (all frequencies)
MPAMB8062170NKMSMA	806-960 MHz / 1.71-2.17 GHz	0 dBi (all frequencies)
BMPAMB8062170RPTNC	806-960 MHz / 1.71-2.17 GHz	0 dBi (all frequencies)
BMPA3637C	3.6-3.7 GHz	3 dBi
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)



MPAMB8062170NK



Technical Data

Maximum Power: 5 watts
Polarization: Vertical, linear
Nominal Impedance: 50 ohms
VSWR: < 2.0:1
Connector Type: TNC male (MPAMB8062170 and BMPA3637C only) Male SMA (MPAMB8062170NKMSMA only) Reverse Polarity TNC (All other models)

Mechanical Specifications

Model	Antenna Height	Temperature Range	Knuckle Movement	Color
MPAMB8062170	7-5/8" (19.4 cm)	-30°C to +70°C	180° swivel, 0°-90° knuckle	Gray
MPAMB8062170NKMSMA	6.5" (16.5 cm)	-40°C to +85°C	n/a	Gray
BMPAMB8062170RPTNC	7-5/8" (19.4 cm)	-30°C to +70°C	180° swivel, 0°-90° knuckle	Black
BMPA3637C	6" (15.2 cm)	-40°C to +85°C	180° swivel, 0°-90° knuckle	Black
MPAMB24495804	6" (15.2 cm)	-40°C to +85°C	180° swivel, 0°-90° knuckle	Black
MPAMB515804	5.3" (13.4 cm)	-40°C to +85°C	180° swivel, 0°-90° knuckle	Black