

MPAMB Series Portable Omnidirectional Antennas



PCTEL's 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

- 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 (unless otherwise specified)



MPAMB Series

STANDARD CONFIGURATION

Model	Connector	Mount
MPAMB8062170	TNC Male	Direct Access Point Mount (all models)
MPAMB24495804	Reverse Polarity TNC Male	
MPAMB24495804-RPSMA	Reverse Polarity SMA Male	
MPAMB700MSMA	SMA Male	
MPAMB700MTNC	TNC Male	

ELECTRICAL SPECIFICATIONS - RF ANTENNA

Model	Frequency Range	Gain	VSWR	Average Power	Nominal Impedance	Polarization
MPAMB8062170	806-960 MHz / 1.71-2.17 GHz	0 dBi (average)	< 2.5:1	10 watts	50 Ohms	Vertical, linear
MPAMB24495804	2.4-2.5 GHz / 4.94 - 5.85 GHz	2.14 dBi/4 dBi	< 2.5:1	10 watts	50 Ohms	Vertical, linear
MPAMB24495804-RPSMA	2.4-2.5 GHz / 4.94 - 5.85 GHz	2.14 dBi/4 dBi	< 2.5:1	10 watts	50 Ohms	Vertical, linear
MPAMB700MSMA	698-960 MHz / 1.71-2.70 GHz	2 dBi (average)	< 2.5:1	10 watts	50 Ohms	Vertical, linear
MPAMB700MTNC	698-960 MHz / 1.71-2.70 GHz	2 dBi (average)	< 2.5:1	10 watts	50 Ohms	Vertical, linear

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS (ALL MODELS)

Model	Dimensions	Housing Material	Temperature Range
MPAMB8062170	height: 7-5/8 in (19.4 cm)	ABS (UV-stabilized)	-30°C to +70°C
MPAMB24495804	height: 6 in (15.2 cm)	ABS (UV-stabilized)	-40°C to +75°C
MPAMB24495804-RPSMA	height: 6 in (15.2 cm)	ABS (UV-stabilized)	-40°C to +75°C
MPAMB700MSMA	height: 8.3 in (21.1 cm)	ABS (UV-stabilized)	-40°C to +75°C
MPAMB700MTNC	height: 8.3 in (21.1 cm)	ABS (UV-stabilized)	-40°C to +75°C