

MPAMB Series Portable Omnidirectional Antennas

Cellular / Wi-Fi Antennas

Access Point Multiband Antennas, 3G/4G LTE, 802.11a, b/n, c



Description

Designed for indoor wireless applications requiring multiband coverage, these rugged, portable antennas feature a compact “blade” style design and 0-90° articulating knuckle.

Technologies

- 3G/4G LTE
- Dual band Wi-Fi

Features

- Multiband performance
- Ground plane independent design
- Rugged polycarbonate housing
- 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)



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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.

Features

- Optimal coverage – Multiband performance
- Flexible installation – Ground plane independent design provides added installation flexibility
- Durable – Rugged polycarbonate housing provides added durability for use in demanding wireless environments
- Flexible – 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)

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Standard Configurations

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

Electrical Specifications - RF Antennas

Model	Frequency Range	Gain	VSWR	Average Power	Nominal Impedance	Polarization
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

Mechanical & Environmental Specifications (All Models)

Model	Dimensions	Housing Material	Temperature Range	Ingress Protection
MPAMB24495804	Height: 6 in (15.2 cm)	ABS (UV stabilized)	-40°C to +75°C	IP64
MPAMB24495804-RPSMA	Height: 6 in (15.2 cm)			
MPAMB700MSMA	Height: 8.3 in (21.1 cm)			

CONTACT US

**For more information about
this product contact your
sales representative or visit
> pctel.com/antenna-products**

Solving Complex Wireless Challenges

PCTEL is a leading global provider of wireless technology, including purpose-built Industrial IoT devices, antenna systems, and test and measurement solutions. Trusted by our customers for over 25 years, we solve complex wireless challenges to help organizations stay connected, transform, and grow.



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