

BMLPVMB/LTE Low-Profile 4G LTE Antenna



The BMLPVMB/LTE low-profile vertical antenna provides superior multi-band pattern coverage for mobile or fixed applications operating in frequencies from 600 MHz to 2700 MHz. This antenna is designed to provide industry leading wide-band performance and optimal coverage of LTE frequencies, with minimum loss and no tuning required. It features an attractive, compact housing that makes the antenna ideal for indoor or outdoor applications requiring minimum visibility to the antenna. PCTEL's high efficiency permanent mount is recommended for most efficient performance.

Features

- Attractive, low-profile design
- Multiple band coverage with no tuning required
- Can be used for mobile and fixed base applications
- Environmentally tested to MIL-STD-810F



BMLPVMB/LTE



MLFML195C
MLF high efficiency mount
(sold separately)

STANDARD CONFIGURATION

Model	Cable	Connector	Mount
BMLPVMB/LTE	Pro-Flex™ Plus 195 OR PFP240 high frequency cables are recommended with this antenna. Cable assemblies or mount/cable assemblies are sold separately.	Various connector options are offered with PCTEL high frequency mounts (sold separately)	For optimal performance, use higher frequency rated mounts (e.g. MLFML195C, MTPM800 and GMLFML195C). Mount sold separately.
BMLPVMB/LTE-VP		N Female	Built-in N connector accommodates surfaces up to 1/2-in thick

ELECTRICAL SPECIFICATIONS (ALL FREQUENCIES)

Model	Frequency Range	Gain*	Maximum Power	Polarization	Nominal Impedance	VSWR
BMLPVMB/LTE	600-960/1710-2700 MHz	3 dBi	150 watts	Vertical, linear	50 ohms	< 2:1
BMLPVMB/LTE-VP	600-960/1710-2700 MHz	3 dBi	150 watts	Vertical, linear	50 ohms	< 2:1

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Model	Dimensions	Weight (Mass)	Temperature Range	Ingress Protection	Housing Color***
BMLPVMB/LTE	2.4 H x 1.4 in OD (6.1 x 3.6 cm)	0.29 lbs (0.13 kg)	-40°F to +158°F (-40°C to +70°C)	IP66**	Black
BMLPVMB/LTE-VP	3.5 H x 1.4 in OD (8.9 x 3.6 cm)	0.31 lbs (0.14 kg)	-40°F to +158°F (-40°C to +70°C)	IP66**	Black

* Measures on a 1x1 ft ground plane. Gain is ground plane dependent.

** When installed per PCTEL installation instructions on a roof top surface

*** For white housing option, add the prefix "W" to the part number.

