

## MLPV Low-Profile No Ground Plane Antennas



PCTEL's BMLPVMBLTENGP antennas provide superior pattern coverage for mobile and fixed applications operating in 4G LTE frequencies without the need for a ground plane. Their design provides industry leading wide-band performance and reliability, with minimum loss and no tuning required. These antennas are environmentally tested for both indoor or outdoor applications.

### Features

- 4G LTE coverage with or without a ground plane
- Attractive, low-profile design for maximum overhead clearance
- Industry leading wide-band performance provides outstanding coverage across multiple frequency bands with no tuning required
- Mates with all 1-1/8"-18 thread mounts, including 3/4" mounts
- "-VP" N female terminated version available to accommodate thick surface installations



BMLPVMBLTENGP-VP

### STANDARD CONFIGURATION

Model	Cable	Connector	Mount/ Description
BMLPVMBLTENGP	Pro-Flex™ Plus 195 or PFP240 high frequency cable is recommended with these antennas. Cable or mount/cable assemblies sold separately.	Various connector options offered with PCTEL high frequency mounts	Compatible with most 1-1/8" - 18 thread mounts, including 3/4" hole mounts. For optimal performance, use higher frequency rated mounts (e.g. MLFML195C, MTPM800 and GMLFML195C). Mount sold separately. Accommodates surfaces up to 1/2" thick.
BMLPVMBLTENGP-VP		N Female bulkhead	

### ELECTRICAL SPECIFICATIONS

Model	Frequency Range	Gain*	VSWR	Maximum Power	Nominal Impedance	Polarization
BMLPVMBLTENGP	690-960/1710-2700 MHz	3 dBi	< 2.5:1	150 watts	50 ohms	Vertical
BMLPVMBLTENGP-VP	690-960/1710-2700 MHz	3 dBi	< 2.5:1	150 watts	50 ohms	Vertical

### MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Model	Dimensions	Weight	Temperature Range	Ingress Protection	Color
BMLPVMBLTENGP	1.44 OD x 3.54 H in (3.66 x 8.99 cm)	0.40 lbs (0.18 kg)	-40°F to +158°F (-40°C to +70°C)	IP66	Black
BMLPVMBLTENGP-VP	1.44 OD x 4 H in (3.66 x 10.17 cm)	0.534 lbs (0.242 kg)	-40°F to +158°F (-40°C to +70°C)	IP66	Black