

MLPV Low Profile No Ground Plane Antennas



BMLPVMBLTENGP

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 wideband performance and reliability, with minimum loss and no tuning required. Featuring an attractive, compact housing, these antennas are environmentally tested for both indoor or outdoor applications.

Features

- Superior 4G LTE coverage with or without a ground plane
- Attractive, low profile design for maximum overhead clearance
- Industry leading wideband 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
- N bulkhead version available for thick surface installations

Antenna Electrical Specifications

Models	Frequency Range	Gain	Maximum Power	Polarization	Nominal Impedance	VSWR
BMLPVMBLTENGP & BMLPVMBLTENGP-VP	698-960 MHz / 1710-2700 MHz	3 dBi	150 watts	Vertical	50 ohms	< 2.5:1

Mechanical Specifications

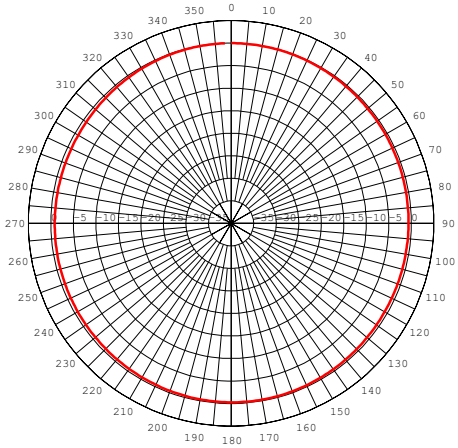
Models	Antenna Dimensions (OD x H)	Weight (Mass)	Temperature Range	Ingress Protection
BMLPVMBLTENGP	1.44 inches x 3.54 (3.65 x 9.00 cm)	0.40 lbs (0.18 kg)	-40°F to +158°F (-40°C to +70°C)	IP66
BMLPVMBLTENGP-VP	1.44 x 4.00 inches (3.65 x 10.17 cm)	0.534 lbs (0.242 kg)	-40°F to +158°F (-40°C to +70°C)	IP66

Mounting Method

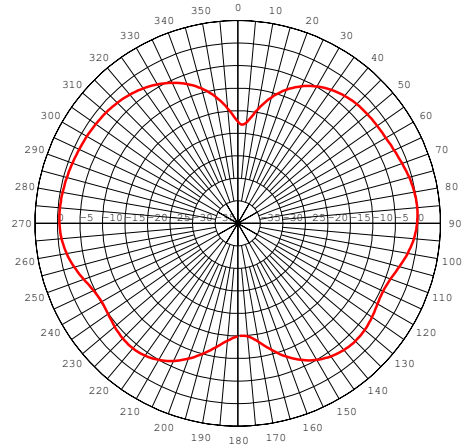
Models	Description
BMLPVMBLTENGP	Compatible with most 1-1/8" - 18 thread mounts, including 3/4" hole mounts. For optimal performance, use higher frequency rated mounts (e.g. MLFML195C, MTPM800 and GMLFML195C). Mount sold separately.
BMLPVMBLTENGP-VP	Integrated N Female bulkhead termination. Accommodates surfaces up to 1/2" thick.



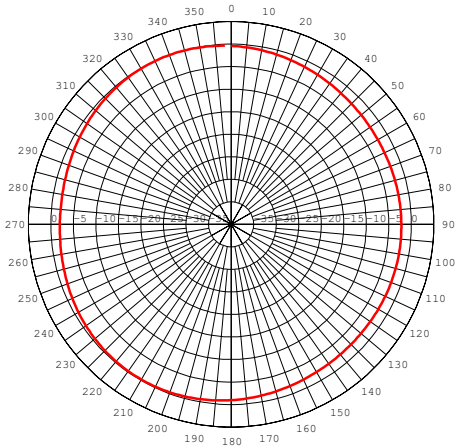
1800 MHz Azimuth Pattern



1800 MHz Elevation Pattern



850 MHz Azimuth Pattern



850 MHz Elevation Pattern

