

LTE MIMO Multi-Band Antenna with Magnetic Base

PCTEL's magnetic LTE MIMO multi-band antenna provides optimal 4G LTE MIMO coverage in a single, low-profile housing.

Features

- No tune, multi-band coverage: 4G LTE
- Magnetically mounted using heavy-duty internal rare earth magnets
- Rubber pad on the bottom of the antenna prevents slippage and protects the mounting surface
- Attractive low-profile housing for added overhead clearance
- IP67 compliant design provides maximum protection against water or dust ingress under severe environmental conditions***
- High performance, low loss cable and high quality connectors for maximum RF system efficiency
- UV-resistant black or white housing options complement most vehicular aesthetic requirements



PCTHPDLTE-SF-MM



BPCTHPDLTE-SF-MM

STANDARD CONFIGURATION

Model	Cable	Connector	Mount	Housing Color
PCTHPDLTE-SF-MM	Two-17 feet Pro-Flex™ Plus 195	SMA Plug	Magnet Mount	White
BPCTHPDLTE-SF-MM	Two-17 feet Pro-Flex™ Plus 195	SMA Plug	Magnet Mount	Black

ELECTRICAL SPECIFICATIONS (BOTH MODELS)

Elements	Frequency Range	Gain*	VSWR**	Polarization	Nominal Impedance	Maximum Power
4G LTE Elements (2 each)	698-960 MHz / 1710-2170 MHz / 2300-2700 MHz	2.5 dBi	< 2.0:1	Vertical, linear	50 ohms	50 watts

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS (BOTH MODELS)

Dimensions	Gasket Design & Construction	Ingress Protection	Temperature Range	Radome & Baseplate Construction
5.2 x 3.4 in (132 x 94 mm)	Anti-skid liner installed at contact surface to ensure a high friction and mar-free magnetic mount.	IP67***	-40°C to +85°C	UV-Stable Rugged Thermoplastics

* Measured on a 4-foot diameter ground plane. Gain value is measured at the base of the antenna (no cable loss included).

** VSWR < 2:1 across all bands when measured on 1-ft diameter ground plane with 17-ft cable.

When measured on 1-ft diameter ground plane with 1-ft cable, VSWR < 2:1 698-960MHz, <2:1 1710-2170MHz, and < 2.5:1 2170-2700MHz.

*** When properly installed on a vehicle rooftop per PCTEL installation instructions. 3M is a trademark of 3M Company.