

5-Port LTE Multiband Base Station Omnidirectional Antenna with Integrated GPS Unit

Cellular Antenna – Base Station

BOA-LCMGPS-PTNF-4LTE



Description

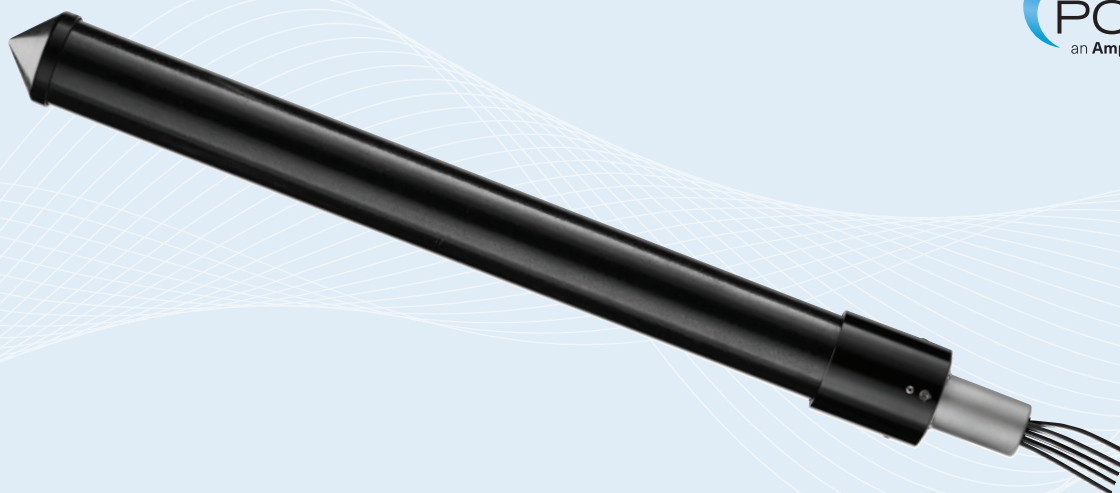
Base station antenna with advanced GPS LNA technology for multiband mobile data and video communications.

Technologies

- Cellular
- GPS

Features

- Multiband coverage
- High rejection GPS LNA technology
- Four port MIMO design
- High quality low loss cable and connectors
- Easy to install
- Rugged, UV-resistant fiberglass housing



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The BOA-LCMGPS-PTNF-4LTE multiband base station antenna utilizes PCTEL's broadband element technology to achieve superior bandwidth performance. This platform offers multiband coverage, high rejection GPS LNA technology, and an easy-to-install design with "top shelf" materials to provide maximum durability and performance for mobile data and video communications.

Features

- Multiband coverage – Cellular, GSM, PCS, Wi-Fi
- Versatile – Multiple network compatibility
- Powerful coverage – Four port MIMO design, each with full broadband coverage
- Top quality – High performance, low loss cable and connectors
- Easy installation – Collar mount for 1-1/4" pipe
- Rugged – UV-resistant; tough fiberglass housing

Certifications



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Standard Configuration

Model	Cables	Connector	Mount
BOA-LCMGPS-PTNF-4LTE	Five - 4 ft (1.2 m) RG-58 (DBL)	N Female	Collar mount (included) to fit 1-1/4" pipe (pipe not included)

Electrical Specifications - RF Antenna

Frequency Range (MHz)	Peak Gain (dBi)	VSWR	Average Power (watts)	Nominal Impedance (ohms)	Polarization
690 - 2700	2	< 2.0	50	50	Vertical, linear x 2

Electrical Specifications - GPS Antenna

Frequency Range (MHz)	Amplifier Gain (dB)	Current Draw (mA)	DC Voltage (V)	SWR	Noise Figure (dB)
1575.42 (GPS L1)	26 dB $\pm$ 3 dB	< 30	3 - 5.5	1.5:1 typical output	1.8 typical

Mechanical and Environmental Specifications

Specification	Measurement
Dimensions	3.25 OD x 35.7 H in (8.26 x 90.6 cm)
Weight	6.6 lbs (3.0 kg)
Housing Material	Black, UV-stable fiberglass
Temperature Range	-40°F to +185°F (-40°C to +85°C)
Ingress Protection	IP54

CONTACT US

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

Solving Complex Wireless Challenges

PCTEL, an Amphenol company, is a leading global provider of wireless technology, including purpose-built antenna systems and test and measurement solutions. Trusted by our customers for decades, we solve complex wireless challenges to help organizations stay connected, transform, and grow.



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