

# Base Loaded Mobile Antenna

**B4505CN BB4505CN**  
**B4505CNS BB4505CNS**



## PREMIUM BASE LOAD MOBILE ANTENNA

Lairds' ongoing commitment to refinement in mechanical and electrical design has resulted in the most technically advanced mobile load coil antennas on the market. Exclusive features such as stainless steel whips, housings constructed with ABS material injected molded around a solid brass insert, and gold plated push pin contacts make Laird Technologies the obvious choice for quality and long lasting value for demanding mobile radio communications.

## FEATURES AND BENEFITS

- Long tuning ferrule allows for greater freedom in frequency adjustment without trimming
- High performance mobile antenna operates on a No Ground plane (NGP) requirement.
- Straight Stainless steel corona ball stays on the rod – no dissimilar metal interaction associated with competitor designs.
- Easy Installation /w NMO mountable.
- 100% tested on a network analyzer.

## MARKETS

- Public Safety.
- Transportation.
- Utility.
- Military mobile.

FEATURES	*B4505CN**
Frequency	450MHz – 470MHz
Pattern	Omni – Directional
Polarization	Vertical
Category	Feature
Maximum Power	100 Watts
Gain	5 dBi
Nominal Impedance	50Ω
VSWR	≤2.0:1
Elevation Beamwidth At Half-Power	28° deg
Azimuth Beamwidth At Half-Power	360° deg
Termination	NMO

MODEL	HEIGHT	WEIGHT	DIAMETER	STORAGE
<b>B4505CN</b>	32 <sup>1</sup> / <sub>4</sub> in 82 cm	.453 lbs 205.5 gm	1.44 in 36.57 mm	-31°F to +185°F
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<b>B4505CNS(R)</b>	32 <sup>1</sup> / <sub>4</sub> in 82 cm	.453 lbs 205.5 gm	1.44 in 36.57 mm	-31°F to +185°F
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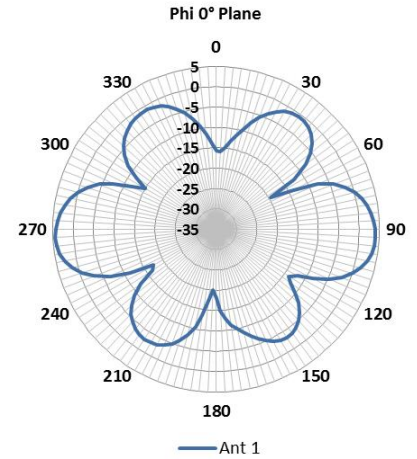
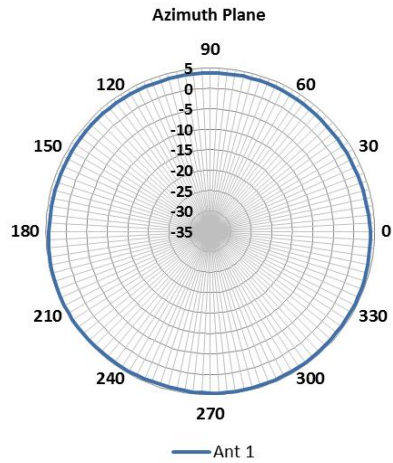
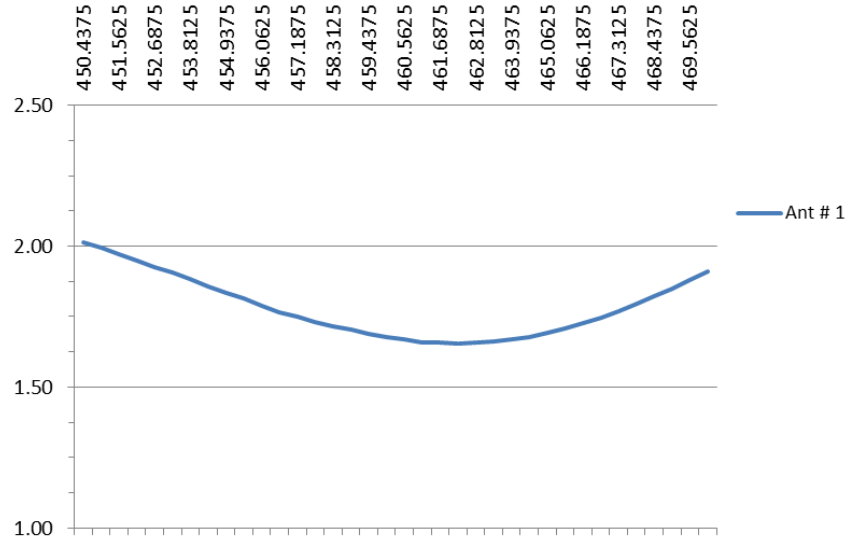
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## B4505CN VSWR



IAS-DS-B4505CN 1015

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