



### PREMIUM MOBILE LOAD COIL ANTENNAS ARE INDUSTRY STANDARD

Laird Technologies' 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.

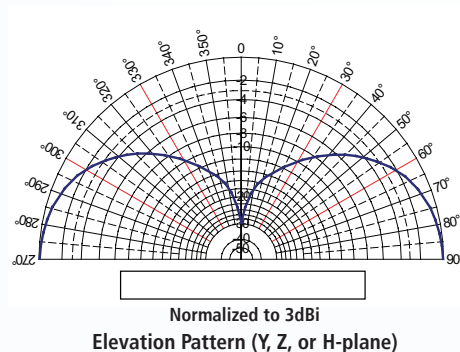
### FEATURES

- $\frac{5}{8}$ " wave design for true 3dBi performance
- High performance mobile antenna operates on a 6" diameter (min.) ground plane
- Straight stainless steel
- Easy installation with optional NMO Mounts
- 100% tested on a network

### MARKETS

- Public safety
- Transportation
- Utility
- Military mobile

### ANTENNA PATTERNS



### global solutions: local support™

Americas: +1.847.839.6907  
IAS-AmericasEastSales@lairdtech.com

Europe: +1.32.80.7866.12  
IAS-EUSales@lairdtech.com

Asia: +1.65.6.243.8022  
IAS-AsiaSales@lairdtech.com

[www.lairdtech.com](http://www.lairdtech.com)



Innovative **Technology**  
for a **Connected** World

# Mobile Load Coil Antenna

## Standard B7463

### SPECIFICATIONS

ELECTRICAL	
Frequency Range	746-796 MHz
VSWR	< 2.1 Max
Nominal Gain	3 dBi
Maximum Power	200 W
Nominal Impedance	50 $\Omega$
Polarization	Vertical
Pattern	Omnidirectional
Half-Power Beamwidth (Elevation° x Azimuth°)	70° x 360°
Coaxial Cable Length & Type (For Vertical Polarization)	None
Terminations	NMO socket or type N-female

MECHANICAL	
Color	Chrome or black
Height	See chart
Diameter	1.44"
Weight	< 0.5 lb
Material	ABS
Mounting Information (Sold Separately)	NMO mountable
Noise Suppressor	BlackHawk NS1535 1-35 VOLT, 15 amp Noise suppressor (Sold Separately)

### MODEL AND ORDERING INFORMATION

MODEL	DESCRIPTION	OVERALL HEIGHT	TUNING
B7463	764-870 MHz, Base Loaded 5/8 Wave, Chrome Finish	5 $\frac{7}{8}$ "	Fixed tune @817 MHz
BB7463	764-870 MHz, Base Loaded 5/8 Wave, Black Finish	5 $\frac{7}{8}$ "	Fixed tune @817 MHz

ANT-DS-B7463 0809

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird Technologies materials rests with the end user, since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies' Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2009 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trade marks or registered trade marks of Laird Technologies, Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Technologies or any third party intellectual property rights.