



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.

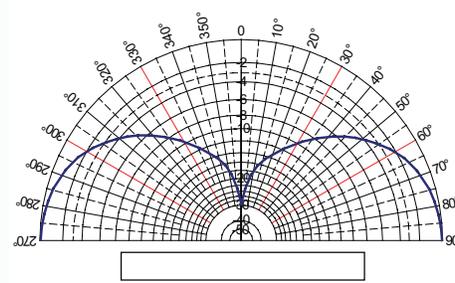
FEATURES

- $\frac{5}{8}$ " 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



Normalized to 3dBi
Elevation Pattern (Y, Z, or H-plane)

global solutions: local support™

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SPECIFICATIONS

ELECTRICAL	
Frequency Range	746-796 MHz
VSWR	< 2.1 Max
Nominal Gain	3 dBi
Maximum Power	200 W
Nominal Impedance	50 Ω
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 ⁷ / ₈ "	Fixed tune @817 MHz
BB7463	764-870 MHz, Base Loaded 5/8 Wave, Black Finish	5 ⁷ / ₈ "	Fixed tune @817 MHz

ANT-DS-B7463 0809

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