

Wide Band Mobile Load Coil Antenna

B1322W



PREMIUM MOBILE LOAD COIL ANTENNAS ARE INDUSTRY STANDARD

Laird's 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 the obvious choice for quality and long lasting value for demanding mobile radio communications.

FEATURES ROHS

- High performance wide band mobile antenna
- Special UV treated radome, resists sun damage
- Easy installation with optional NMO Mounts
- 100% tested on a network analyzer
- Field tunable to your specific frequency requirement (cutting chart comes with the antenna)

MARKETS

- Public safety
- Transportation
- Utility
- Military mobile

SPECIFICATIONS

ELECTRICAL	
Frequency range	132-174 MHz Field tunable
Peak gain	2.4dB
Bandwidth	23 MHz
Pattern	Omnidirectional
Maxmium power	100 W
Nominal impedance	50 Ω
Polarization	Vertical
VSWR	<2.0:1
Termination	1-1/8"-18 thread (NMO) mountable
Mounting options	3/4" or 3/8" NMO Magnetic or trunk mount
Radiator material	0.125'' diameter, 17-7PH stainless steel whip
Spring material (spring models only)	Stainless steel tempered spring
Base housing material	Chrome plated brass top and bottom bushings with injection molded ABS plastic

MECHANICAL	
Whip length at 132 MHz	Approximately 40" (102cm)
Diameter	1.45" (36.7mm)
Weight (mass)	1.2 lbs
Wind speed survivability	100mph (161kph)

Americas: +1.847 839.6907 IAS-AmericasEastSales@lairdtech.com

Europe: +44.1628.858941 IAS-EUSales@lairdtech.com Asia: +86.21.5855.0827.127 IAS-AsiaSales@lairdtech.com

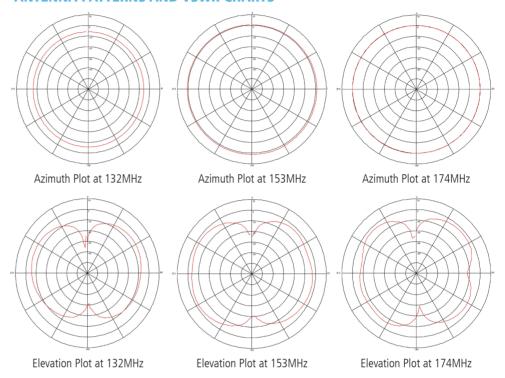
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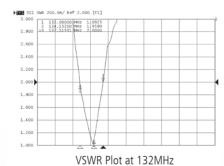


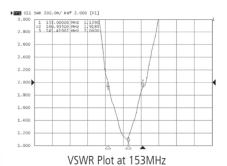
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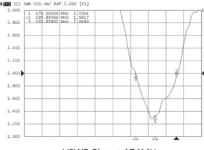
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ANTENNA PATTERNS AND VSWR CHARTS









SYSTEM ORDERING INFORMATION

B1322W Chrome B-Coil Wide Band Antenna

BB1322W Black B-Coil Wide Band Antenna
B1322WS Chrome B-Coil Wide Band Antenna w/Spring
BB1322WS Black B-Coil Wide Band Antenna w/Spring

VSWR Plot at 174MHz

ANT-DS-B1322W 111014

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