

# Wide Band Mobile Load Coil Antenna

## B1360W



### 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

- 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

### MARKETS

- Public safety
- Transportation
- Utility
- Military mobile

### SPECIFICATIONS

ELECTRICAL		MECHANICAL	
Frequency range	136-174 MHz	Antenna length	Approximately 19.5" 49.4cm)
Center frequency	155 MHz	Diameter	1.44" (36.58mm)
Gain	Unity	Weight (mass)	0.590 lbs (9.44 oz)
Pattern	Omnidirectional	Wind resistance	0.049 sq ft
Maximum power	100 W		
Nominal impedance	50 $\Omega$		
Polarization	Vertical		
VSWR	$\leq 2.0:1$		
Termination	1-1/8"-18 thread (NMO) mounts		
Mounting options (sold separately)	3/4" or 3/8" NMO magnetic or trunk mount		
Radiator	17-7ph straight stainless steel		
Shock spring	302 stainless steel		
Base housing material	Molded ABS		
Noise suppressor (sold separately)	Blackhawk NS1535		

### global solutions: local support™

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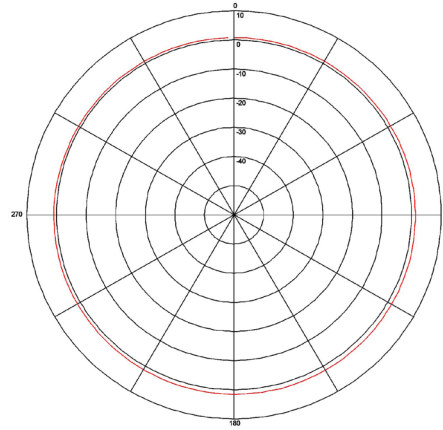
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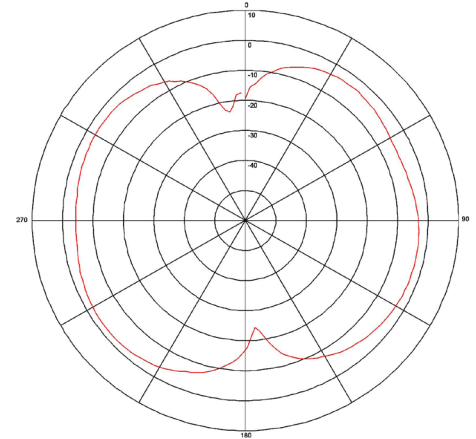
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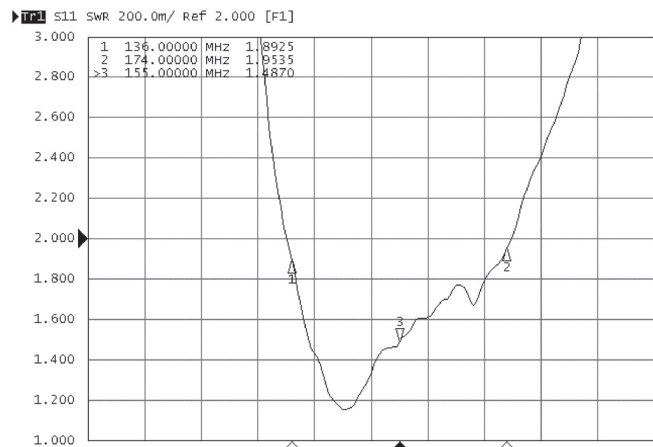
### ANTENNA PATTERNS AND VSWR CHARTS



Azimuth Plot at 154MHz



Elevation Plot at 154MHz



VSWR Plot at 136-174MHz

### SYSTEM ORDERING INFORMATION

B1360W	Chrome B-Coil Wide Band Antenna
BB1360W	Black B-Coil Wide Band Antenna
B1360WS	Chrome B-Coil Wide Band Antenna w/Spring
BB1360WS	Black B-Coil Wide Band Antenna w/Spring

ANT-DS-B1360W 0310

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