



B(B)7603

Mobile Load Coil Antenna 760-870 MHz

Laird Connectivity'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 AND BENEFITS

- $\frac{5}{8}$ " wave design for true 4 dBi 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

APPLICATIONS

- Public safety
- Transportation
- Utility
- Military mobile

ENVIRONMENTAL SPECIFICATION

Operating Frequency (MHz)	760-870
VSWR - Max	$\leq 2.2:1$
Gain (dBi)	4.0
Nominal Impedance (Ohms)	50
Max Power - Ambient 25°C (W)	200
Polarization	Polarization
Pattern	Omnidirectional
Elevation Plane 3 dB Beamwidth Port 1	70°
Azimuth Plane 3 dB Beamwidth Port 1	360°

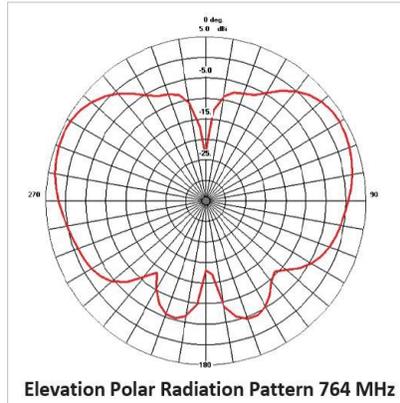
MECHANICAL SPECIFICATIONS

Dimensions - H x D - cm (inches)	16.5 x 3.63 (6.5 x 1.43)
Weight - g (lbs.)	172.37 (0.38)
Cable Type	None
Antenna Color	Black chrome or chrome
Radome Material	ABS
Noise Suppressor	BlackHawk NS1535 1-35 volts, 15 amps (sold separately)

CONFIGURATION

		CONNECTOR	TUNING
B7603	None	NMO	Fixed tune @ 817 MHz
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RADIATION PATTERNS



TE TECHNICAL SUPPORT CENTER

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