

## 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.



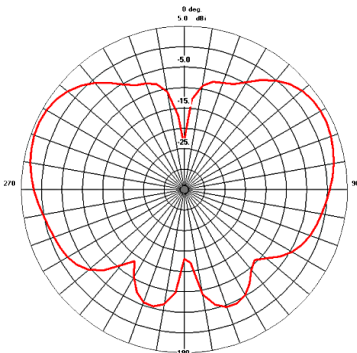
### FEATURES

- 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

### MARKETS

- Public safety
- Transportation
- Utility
- Military mobile

## ANTENNA PATTERNS



Elevation Polar Radiation Pattern 764 MHz

## SPECIFICATIONS

### ELECTRICAL

Frequency Range	760-870 MHz
VSWR	≤ 2.2:1
Nominal Gain	4 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 style

### MECHANICAL

Color	Black chrome or chrome
Height	6.5 in (16.5 cm)
Diameter	1.43 in (3.63 mm)
Weight	0.38 lbs (172.37 g)
Material	ABS
Mounting Information (Sold Separately)	Optional p/n: NMO Mountable MB8, MAB8 BlackHawk NS1535
Noise Suppressor	1-35 Volts, 15 amps Noise suppressor (Sold Separately)

## MODEL AND ORDERING INFORMATION

MODEL	DESCRIPTION	OVERALL HEIGHT	TUNING
B7603	760-870 MHz, Base Loaded 5/8 Wave, Chrome Finish	6.5 in	Fixed tune @817 MHz
BB7603	760-870 MHz, Base Loaded 5/8 Wave, Black Finish	6.5 in	Fixed tune @817 MHz

ANT-DS-B7603 0516

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