



## B7603-L

### Mobile Load Coil Antenna 760-870 MHz

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 this the obvious choice for quality and long-lasting value for demanding mobile radio communications.

#### FEATURES AND BENEFITS

- 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	≤ 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°

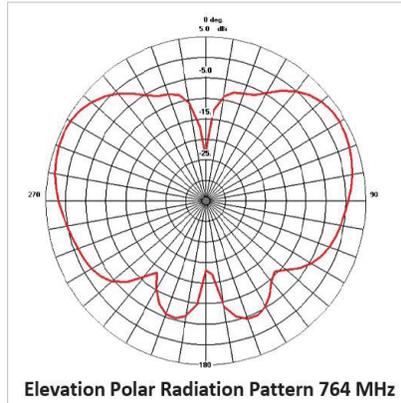
#### MECHANICAL SPECIFICATIONS

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	Chrome
Radome Material	ABS
Noise Suppressor	BlackHawk NS1535 1-35 volts, 15 amps (sold separately)

## CONFIGURATION

		CONNECTOR	TUNING
B7603-L	None	NMO	Fixed tune @ 817 MHz

## RADIATION PATTERNS



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