



## BB8962N

### Mobile Load Coil Antenna

The 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 our antennas the obvious choice for quality and long lasting value for demanding mobile radio communications.

### FEATURES AND BENEFITS

- Easily removable rod allows the mount to stay water tight during car washes
- O-ring built into the base creates a weather-tight seal
- ABS material is injection-molded directly around the solid brass inserts for a virtually indestructible housing that does not leak or disassemble
- Silver soldered joints provide an electrically and mechanically secure connection

### APPLICATIONS

- Public safety
- Transportation
- Utility
- Military mobile

### SPECIFICATIONS

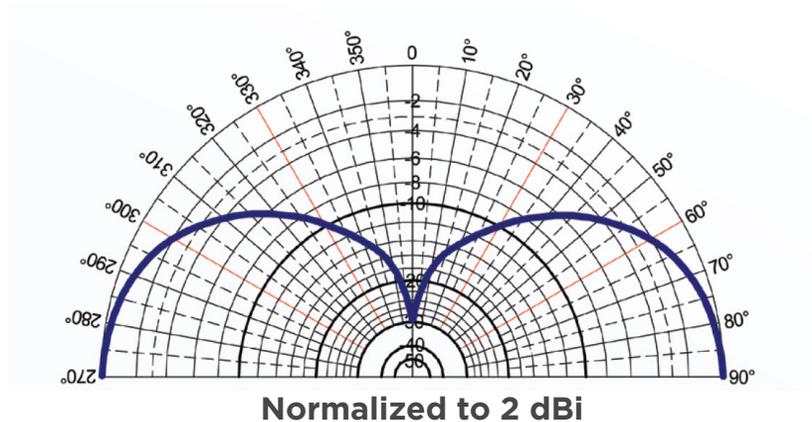
ELECTRICAL SPECIFICATION	
Operating Frequency (MHz)	896-970
VSWR	<2.0:1
Gain (dBi)	2
Nominal Impedance (Ohms)	50
Max Power - Ambient 25°C (W)	200

MECHANICAL SPECIFICATION	
Overall Height (mm (in.))	149.38 (5.881)
Color	Black
Radiator	90.49 mm (3.562 in.) length x 2.54 mm (0.100 in.) diameter stainless steel rod
Contact	Gold-plated push pin
Brass Fitting	Copper, nickel, and chrome-plated
Coil Form	Three dimensional precision machine delrin
Mounting	NMO mount required, non-conductive surface

## ENVIRONMENTAL SPECIFICATION

Operating Temp. (°C)	-30° to +85°C
Water Resistance	Normal rain and splash degree: <ul style="list-style-type: none"> <li>• O-ring seal built into the coil bottom</li> <li>• Antenna whip may be removed for car washes and will keep mount sealed</li> </ul>
Material Substance Compliance	RoHS Compliant CE & UKCA Compliant

## ELEVATION PATTERN (Y, Z, OR H-PLANE)



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