



B8065CN Mobile

Load Coil Antenna 806-866 MHz

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 pver 5/8 Wave design for true 5dBi performance
- High performance mobile antenna operates on a No Ground plane (NGP) requirement
- Straight stainless steel rod
- Easy installation with NMO mountable
- 100% tested on a network analyzer

MARKETS

- Public safety
- Transportation
- Utility
- Military mobile

SPECIFICATIONS

ELECTRICAL	
Frequency Range	No Spring 806-866 MHz
VSWR	< 2.1
Nominal Gain	5 dBi
Maxmium Power	200 W
Nominal Impedance	Ω50
Polarization	Vertical
Pattern	Omnidirectional
Half-Power Beamwidth (Elevation° x Azimuth°)	60° x 360
Coaxial Cable Length & Type (For Vertical Polarization)	None
Termination	NMO Socket or, type N-female

MECHANICAL

Color	Chrome or Black
Height	18" [B8065CN] 18" [B(B)8065CN]
Diameter	1.44"
Weight	< 1.0 lb
Material	ABS
Mounting Information (Others Sold Separately)	NMO (PN: MB8, MAB8)
Noise Suppressor (optional)	BlackHawk NS1535 1-35 VOLT, 15Amp Noise Suppressor Sold Separately

TE TECHNICAL SUPPORT CENTER

USA:	+1 (800) 522-6752
Canada:	+1 (905) 475-6222
Mexico:	+52 (0) 55-1106-0800
Latin/S. America:	+54 (0) 11-4733-2200
Germany:	+49 (0) 6251-133-1999
UK:	+44 (0) 800-267666
France:	+33 (0) 1-3420-8686
Netherlands:	+31 (0) 73-6246-999
China:	+86 (0) 400-820-6015

te.com

TE Connectivity, TE Connectivity (logo) and Every Connection Counts are trademarks. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

The information given herein, including drawings, illustrations and schematics which are intended for illustration purposes only, is believed to be reliable. However, TE Connectivity makes no warranties as to its accuracy or completeness and disclaims any liability in connection with its use. TE Connectivity's obligations shall only be as set forth in TE Connectivity's Standard Terms and Conditions of Sale for this product and in no case will TE Connectivity be liable for any incidental, indirect or consequential damages arising out of the sale, resale, use or misuse of the product. Users of TE Connectivity products should make their own evaluation to determine the suitability of each such product for the specific application.

TE warrants to the original end user customer of its products that its products are free from defects in material and workmanship. Subject to conditions and limitations TE will, at its option, either repair or replace any part of its products that prove defective because of improper workmanship or materials. This limited warranty is in force for the useful lifetime of the original end product into which the TE product is installed. Useful lifetime of the original end product may vary but is not to exceed five (5) years from the original date of the end product purchase.

©2021 TE Connectivity. All Rights Reserved.

12/21 Original