

136 to 940 MHz Omni Antenna 2.5 dBi Gain, NMO Connector, Stainless Steel

LCANOM1082



Features

- Vertically Polarized
- 2.5 dBi Gain
- NMO Connector
- Stainless Steel
- 1.5:1 VSWR Max
- 50 Watt Max Input Power
- Tunable Frequency

Applications

- Offroad/Overland Vehicles
- Mining/Industrial Heavy Equipment
- Commercial Trucking
- Fleet Management
- Farm Equipment

Description

The L-com LCANOM1082 is a single band antenna that ships on the same day as ordered. Our vertical polarized antenna with 136 to 940 MHz frequency range has a NMO male connectors. This antenna is made of stainless steel has an overall length of 19.29 in, a width of 2 in, and a weight of 0.44 lbs.

L-com's LCANOM1082 is a single band antenna operating from 136 to 940 MHz with 2.5 dBi gain. The omni directional antenna has a maximum input VSWR of 1.5:1.

L-com has one of the largest in-stock collections of omni directional antennas with our wide selection of superior quality RF parts, that ship same day. Make your online purchase right now to take advantage of our same-day shipping. For further information on similar products, our expert technical support and knowledgeable sales team can help you get the ideal single band antenna as per your requirement.

Configuration

Band Type	Single
Radiation Pattern	Omni Directional
Polarization	Vertical
Connector Type	NMO

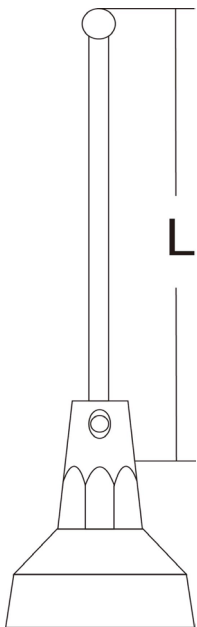
Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range (Tunable)	136		940	MHz
Operational Bandwidth		5		MHz
Input VSWR			1.5:1	
Impedance		50		Ohms
Gain		2.5		dBi
Input Power			50	Watts

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[136 to 940 MHz Omni Antenna 2.5 dBi Gain, NMO Connector, Stainless Steel LCANOM1082](#)

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Frequency(MHz)	136	138	142	146	150	154	158	162	166
Length(mm)	521	490	476	458	447	434	423	408	395

Frequency(MHz)	170	174	200	210	220	230	240	250	260
Length(mm)	390	383	334	315	297	285	269	259	247

Frequency(MHz)	270	280	290	300	310	320	330	340	350
Length(mm)	238	227	219	208	203	195	185	180	174

Frequency(MHz)	360	370	380	390	400	410	420	430	440
Length(mm)	170	165	160	156	150	148	145	139	136

Frequency(MHz)	450	460	470	480	490	500	510	520	540
Length(mm)	133	128	125	120	115	112	108	107	105

Frequency(MHz)	570	600	630	680	690	720	750	780	800
Length(mm)	101	98	92	89	87	82	77	74	71

Frequency(MHz)	810	820	830	840	850	860	870	880	890
Length(mm)	68	66	65	64	62	61	60	59	58

Frequency(MHz)	900	910	920	930	940
Length(mm)	57	56	55	54	53

Mechanical Specifications

Radome Material	Stainless Steel
Size	
Length	19.29 in [489.97 mm]
Width	2 in [50.8 mm]
Height	2 in [50.8 mm]
Weight	0.44 lbs [199.58 g]

Environmental Specifications

Temperature	
Operating Range	-40 to +80 deg C

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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

1: Loosen Screw, Sperate Whip and Base.

- 2: Find whip length of correct frequency according to cutting chart.
- 3: Measure the length of the steel whip and cut it from bottom side without cap.
- 4: Re-fix the steel whip and the base with screws.

136 to 940 MHz Omni Antenna 2.5 dBi Gain, NMO Connector, Stainless Steel from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

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L-com CAD Drawing

