

136 to 174 MHz Omni Antenna 5.5 dBi Gain,
Spring NMO Connector, Stainless Steel

LCANOM1086



Features

- Vertically Polarized
- 5.5 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 LCANOM1086 is a single band antenna that ships on the same day as ordered. Our vertical polarized antenna with 136 to 174 MHz frequency range has a NMO male connectors. This antenna is made of stainless steel has an overall length of 53.54 in, a width of 2 in, and a weight of 0.66 lbs.

L-com's LCANOM1086 is a single band antenna operating from 136 to 174 MHz with 5.5 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		174	MHz
Operational Bandwidth		5		MHz
Input VSWR			1.5:1	
Impedance		50		Ohms
Gain		5.5		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 174 MHz Omni Antenna 5.5 dBi Gain, Spring NMO Connector, Stainless Steel LCANOM1086](#)

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CUTTING CHART

Frequency (MHz)	136	138	140	142	144
L (mm)	1250	1191	1169	1147	1121

Frequency (MHz)	146	148	150	152	154
L (mm)	1099	1074	1041	1019	997

Frequency (MHz)	156	158	160	162	164
L (mm)	975	956	937	915	905

Frequency (MHz)	166	168	170	172	174
L (mm)	886	873	848	829	823

Mechanical Specifications

Radome Material

Stainless Steel

Size

Length

53.54 in [135.99 cm]

Width

2 in [50.8 mm]

Height

2 in [50.8 mm]

Weight

0.66 lbs [299.37 g]

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Environmental Specifications

Temperature

Operating Range -40 to +80 deg C

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 cuting 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 174 MHz Omni Antenna 5.5 dBi Gain, Spring 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

