

900 MHz to 935 MHz Stubby Antenna, Monopole,  
90-degree angle, SMA Male Connector, 1 dBi Gain



## LCANRBD1039

### Features

- 900-935 MHz, 1 dBi Gain
- 90-degree SMA male connector
- Plug and play
- VSWR < 2:1
- Linear polarization
- Monopole antenna

### Applications

- Public Safety, security, construction sites
- IOT sensors and trackers
- Wireless communications
- Remote control
- Industrial monitoring and tracking
- Amateur radio
- RFID applications
- Asset tracking and management
- Wireless metering and paging systems

### Description

The L-com LCANRBD1039 is an omni antenna operating from 900 MHz to 935 MHz with 1 dBi gain. The SMA male connector on the communication antenna enables it to be used vertically, at a right angle, or at any angle in between. Our rubber duck antenna is 0.37 inches wide, 2.01 inches long, and 0.37 inches tall. Our stubby omni antenna is specifically stocked to be available for same business day shipment.

This monopole omnidirectional antenna has a linear polarization, an SMA male connector and an ABS radome material. Our 1 dBi gain LCANRBD1039 antenna transmits high power signals, increasing the signal strength, thus providing improved coverage, better broadcast control, and faster speed. L-com single-band antenna has a gain of 1 dBi antenna for the 900 MHz to 935 MHz frequency range. Our black omnidirectional antenna functions between -40 to 65 degrees C and has 50 Ohm impedance.

L-com WiFi antenna is ideal for public safety, security, construction, wireless communications, RFID, asset tracking, inventory management, wireless metering systems, wireless paging systems, industrial monitoring and data transmission, remote control, and amateur radio. These 1 dBi antennas have a waterproof design, a high power handling capacity, and IP65 ingress protection rating. Our high-quality LCANRBD1039 omnidirectional antenna has a maximum input VSWR of 2:1, which results in the best power transfer and reduced losses.

The 1 dBi gain omni directional antenna is just one of many fiber optic products that are available from L-com for international and domestic orders. We are a global leader in wired and wireless connectivity products, offering a wide range of solutions across many key industries, including electronics, medical, industrial automation, military, and telecommunication. L-com also stocks a wide selection of 900 MHz to 935 MHz antennas that ship same-day from our warehouse.

### Configuration

Design	Rubber Duck
Band Type	Single
Radiation Pattern	Omni Directional
Polarization	Linear
Connector Type	SMA Male

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[900 MHz to 935 MHz Stubby Antenna, Monopole, 90-degree angle, SMA Male Connector, 1 dBi Gain LCANRBD1039](#)

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## LCANRBD1039

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	900		935	MHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain	0		1	dBi
Input Power			10	Watts

### Mechanical Specifications

Radome Material	ABS
<b>Size</b>	
Length	2.01 in [51.05 mm]
Width	0.37 in [9.4 mm]
Height	0.37 in [9.4 mm]
Weight	0.0154 lbs [6.99 g]

### Environmental Specifications

<b>Temperature</b>	
Operating Range	-40 to +65 deg C
Storage Range	-40 to +80 deg C
<b>Environment</b>	Waterproof
Ingress Protection	IP65

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

### Plotted and Other Data

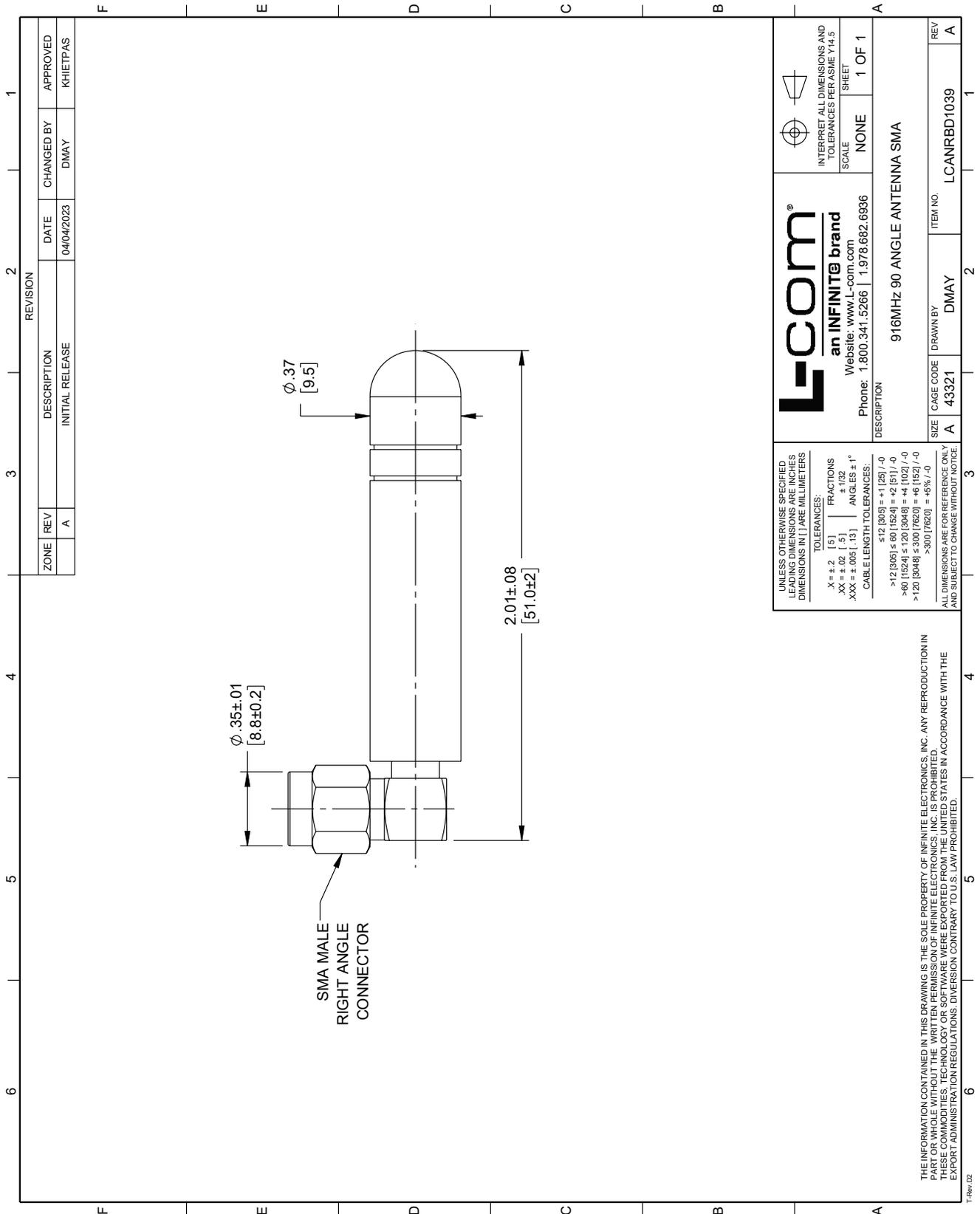
Notes:

900 MHz to 935 MHz Stubby Antenna, Monopole, 90-degree angle, SMA Male Connector, 1 dBi Gain 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 implement 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



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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y.14.5  
SCALE NONE  
SHEET 1 OF 1

DESCRIPTION: 916MHz 90 ANGLE ANTENNA SMA

SIZE A CAGE CODE A 43321 DRAWN BY DMAY ITEM NO. LCMNRBD1039

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE INCHES, DIMENSIONS IN [ ] ARE MILLIMETERS.

TOLERANCES:  
X = ±.2 [5] FRACTIONS  
XX = ±.02 [1.5] ANGLES ± 1°  
XXX = ±.005 [13]

CABLE LENGTH TOLERANCES:  
≤ 12 [305] = ± 1/25 / -0  
> 12 [305] ≤ 60 [1524] = ± 2/51 / -0  
> 60 [1524] ≤ 120 [3048] = ± 4/102 / -0  
> 120 [3048] ≤ 300 [7620] = ± 6/152 / -0  
> 300 [7620] = ± 5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.

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