860 MHz to 870 MHz Stubby Antenna, Monopole, SMA Male Connector, 1 dBi Gain

LCANRBD1037

Features

- 860-870 MHz, 1 dBi Gain
- 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

Description

The L-com LCANRBD1037 is an omni antenna operating from 860 MHz to 870 MHz with 1 dBi gain. The SMA male connector on the communication antenna enables it to be used vertically, at a straight 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 LCANRBD1037 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 860 MHz to 870 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, IOT sensors, IOT trackers, wireless microphones, 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 LCANRBD1037 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 860 MHz to 870 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

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	860		870	MHz

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications:
860 MHz to 870 MHz Stubby Antenna, Monopole, SMA Male Connector, 1 dBi Gain LCANRBD1037

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Input VSWR			2:1	
Impedance		50		Ohms
Gain	0		1	dBi
Input Power			10	Watts

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Mechanical Specifications

Radome Material	ABS
Size	
Length	2.01 in [51.05 mm]
Width	0.37 in [9.4 mm]
Height	0.37 in [9.4 mm]
Weight	0.0088 lbs [3.99 g]

Environmental Specifications

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

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

860 MHz to 870 MHz Stubby Antenna, Monopole, 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.

L-com CAD Drawing