

1.8 dBi, CB Rubber Duck Antenna, 28 MHz,
BNC Connector, Vertical Polarization

LCANRBD1012



Features

- 28 MHz, 1.8 dBi Gain
- BNC connector
- Telescopic radiator
- Plug and play
- 20W power handling
- VSWR < 2:1
- Vertical polarization

Applications

- PtP or PtMP applications
- Trunking for two-way radio comms
- Marine radio comms
- Citizen Band applications
- Inshore comms

Description

The LCANRBD1012 rubber duck antenna from L-Com is part of our extensive line of directional antennas that we offer with global same-day shipping from our facilities certified to ISO 9001:2015. L-Com's high-quality single-band rubber duck antenna has a 1.8 dBi nominal gain and can be procured with no order limit. This rubber duck single-band 1.8 dBi antenna has a maximum frequency of 28 MHz.

We lead the industry in supplying products like this 28 MHz single-band antenna, along with other RF, microwave, and millimeter wave components. This rubber duck antenna from L-Com uses a BNC connector and has a maximum input power of 20 watts. Use our single-band rubber duck antenna with vertical polarization for marine radio and inshore communications, trunking for two-way radio communications, citizen band, and PtP or PtMP applications.

L-Com's rubber duck antenna with 1.8 dBi gain has a BNC-type connector. This BNC-series connectorized omnidirectional antenna is 0.5 inches tall, 0.5 inches wide, and 9.05 inches long. The LCANRBD1012 CB antenna has 360-degrees of horizontal and 90-degrees of vertical HPBW. Our high-quality antenna has a maximum input VSWR (voltage standing wave ratio) of 2:1.

L-Com's 50 Ohms impedance antenna can operate at temperatures ranging from -40 °C to 60 °C. This single-band rubber duck antenna is offered with expert technical support, PDF datasheets, and CAD drawings with dimensions and specifications. Order your 1.8 dBi CB rubber duck antennas now and enjoy our international or domestic same-day shipping.

Configuration

Design	Rubber Duck
Band Type	Single
Radiation Pattern	Omni Directional
Polarization	Vertical
Connector Type	BNC

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	26.8		28	MHz
Input VSWR			2:1	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[1.8 dBi, CB Rubber Duck Antenna, 28 MHz, BNC Connector, Vertical Polarization LCANRBD1012](#)

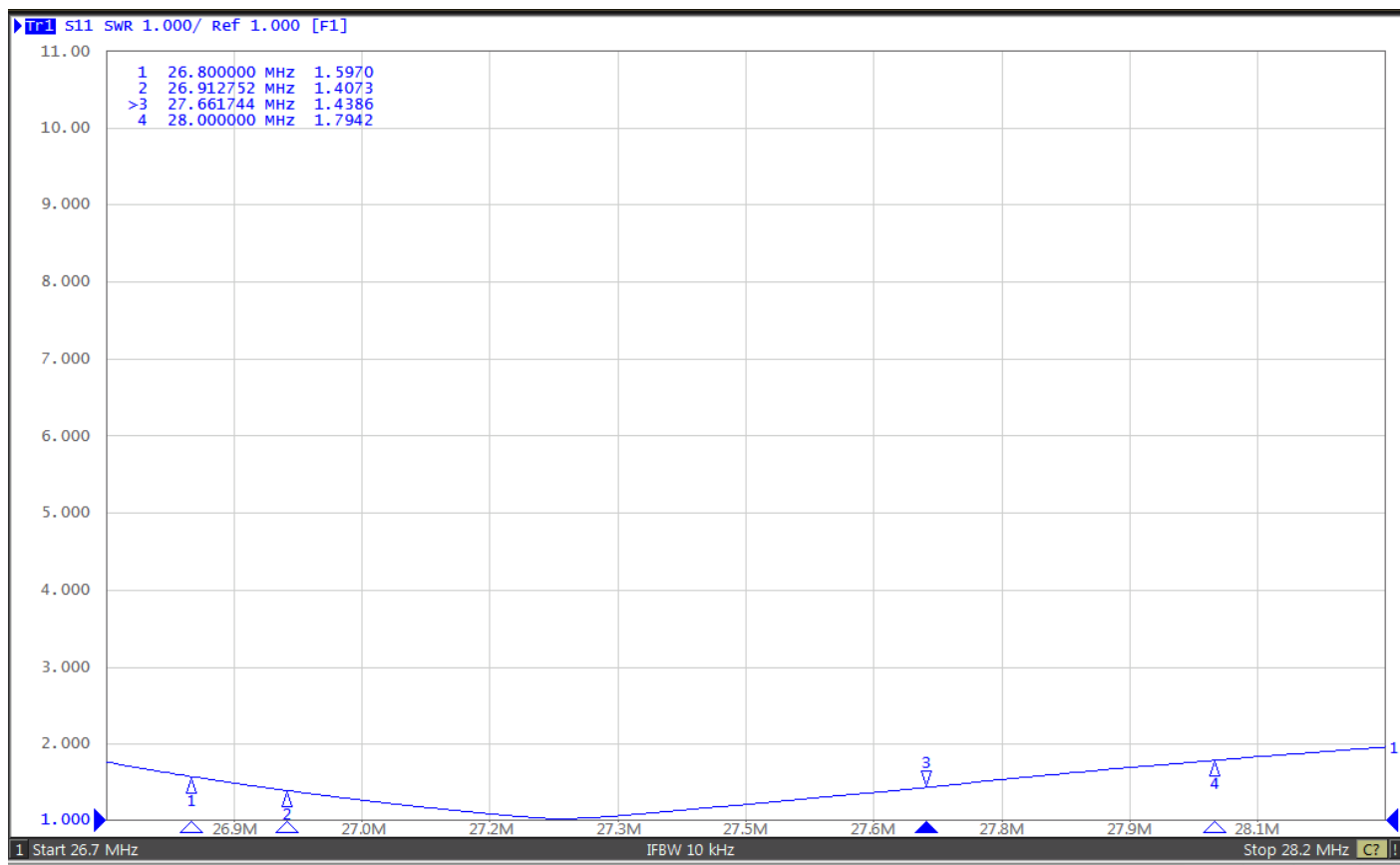
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Impedance	50	Ohms
Gain	1.8	dBi
Horizontal (Azimuth) HPBW	Omnidirectional	
Vertical (Elevation) HPBW	90	Degrees
Input Power	20	Watts

VSWR plot:



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Mechanical Specifications

Radome Material	Copper
Size	
Length	9.05 in [229.87 mm]
Width	0.5 in [12.7 mm]
Height	0.5 in [12.7 mm]
Weight	0.176 lbs [79.83 g]

Environmental Specifications

Temperature	
Operating Range	-40 to +60 deg C

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

Plotted and Other Data

Notes:

1.8 dBi, CB Rubber Duck Antenna, 28 MHz, BNC Connector, Vertical Polarization 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

