3.3 GHz to 3.8 GHz Blade Style Antenna, Dipole, SMA Male Connector, 4.5 dBi Gain

LCANRBD1052

Features

- 3300-3800 MHz, 4.5 dBi Gain
- SMA male connector
- Plug and play
- VSWR < 2:1
- Vertical polarization
- Dipole antenna

Applications

- CBRS application range
- WISP applications
- 5G wireless network
- Remote monitoring
- Telemedicine, disaster response
- RFID
- Surveillance systems
- Broadcasting equipment addition
- 5G bands: n48, n77, n78
- 4G LTE bands: B22, B42, B43, B48, B49, B52

Description

The L-com LCANRBD1052 is an omni antenna operating from 3.3 GHz to 3.8 GHz with 4.5 dBi gain. The SMA male connector on the communication antenna enables it to be used vertically or at any angle in between. Our rubber duck antenna is 0.86 inches wide, 8.19 inches long, and 0.51 inches tall. Our blade-style omni antenna is specifically stocked to be available for same business day shipment.

This dipole omnidirectional antenna has a vertical polarization, an SMA male connector and an ABS radome material. Our 4.5 dBi gain LCANRBD1052 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 4.5 dBi antenna for the 3.3 GHz to 3.8 GHz frequency range. Our black omnidirectional antenna functions between -20 to 65 degrees C and has 50 Ohm impedance.

L-com WiFi antenna is ideal for CBRS application range, WISP applications, 5G wireless network, remote monitoring, telemedicine, disaster response, RFID, surveillance systems, and broadcasting equipment addition. These 4.5 dBi antennas have a sturdy design and a high power handling capacity. Our high-quality LCANRBD1052 omnidirectional antenna has a maximum input VSWR of 2:1, which results in the best power transfer and reduced losses.

The 4.5 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 3.3 GHz to 3.8 GHz antennas that ship same-day from our warehouse.

Configuration

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

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	3,300		3,800	MHz

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications:
3.3 GHz to 3.8 GHz Blade Style Antenna, Dipole, SMA Male Connector, 4.5 dBi Gain LCANRBD1052

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Input VSWR		2:1	
Impedance	50		Ohms
Gain	4.5		dBi
Input Power		10	Watts

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Mechanical Specifications

Radome Material	ABS
Size	
Length	8.19 in [208.03 mm]
Width	0.86 in [21.84 mm]
Height	0.51 in [12.95 mm]
Weight	0.05544 lbs [25.15 g]

Environmental Specifications

Temperature	
Operating Range	-20 to +65 deg C
Storage Range	-20 to +65 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

3.3 GHz to 3.8 GHz Blade Style Antenna, Dipole, SMA Male Connector, 4.5 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