

617 MHz-960 MHz / 1710 MHz-2700 MHz / 3300 MHz-5850 MHz, 1-4 dBi,
4G 5G WiFi 6 Rubber Duck / Terminal antenna - SMA Male Connector



HG65804RD-SM

Features

- 0 to 4 dBi Gain
- Tilt and Swivel Design
- SMA Male Connector
- Blade Design

Applications

- Infotainment Systems, Routers, WiFi Hotspots, HD Video Transmission, Gateways, Dash Cameras, Public Transportation
- Connected Cars or Self-Driving Cars, Fleet Management, Logistics
- 4G & 5G Networks
- 600, 700, 800, 850, 900, 1800, 1900, 2100, 2600, 3500, 5800 MHz Bands
- IoT, Cellular, Zigbee, Z-Wave, Bluetooth, CBRS, WiFi, C-Band, UNII

Description

The HG65804RD-SM 5G Rubber Duck Antenna from L-com is a high performance omnidirectional “rubber-duck” antenna designed for the 617 MHz to 5800 MHz bands and is available to ship same day. It features a tilt-and-swivel SMA-Plug (male) connector, allowing them to be used vertically, at a right angle, or any angle in-between. It is a coaxial sleeve design with an omni-directional pattern. The HG65804RD-SM is ideally suited 4G, 5G, LTE, CBRS, UNII bands.

The L-com high performance rubber-duck HG65804RD-SM is a flexible antenna providing broad coverage and 1-4 dBi gain. This SMA male rubber duck is suitable for commercial radios in public and private 5G and Cellular networks that are equipped with SMA female connectors. L-com’s HG65804RD-SM supports 600, 700, 800, 850, 900, 1800, 2100, 2400, 2600, 3500 and 5800 MHz bands.

This 5G 617 MHz to 5800 MHz rubber duck antenna with a SMA male connector, as well as our wide selection of superior quality RF parts, ships same day. Contact our knowledgeable and friendly technical support and sales staff for your answers on antennas or other L-com products.

Configuration

| | |
|-------------------|------------------|
| Design | Portable |
| Band Type | Multi |
| Radiation Pattern | Omni Directional |
| Wavelength | 1/2 |
| Polarization | Vertical |
| Connector Type | SMA Male |

Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|-----------------|---------|---------|---------|-------|
| Frequency Range | 617 | | 5,850 | MHz |
| Input VSWR | | | 3.5:1 | |
| Impedance | | 50 | | Ohms |
| Gain | | 2 | | dBi |
| Gain | 1 | | | dBi |
| Input Power | | | 5 | Watts |

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications:
[617 MHz-960 MHz / 1710 MHz-2700 MHz / 3300 MHz-5850 MHz, 1-4 dBi, 4G 5G WiFi 6 Rubber Duck / Terminal antenna - SMA Male Connector](#)

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Specifications by Band

| Description | Band 1 | Band 2 | Band 3 | Band 4 | Band 5 | Units |
|-------------|---------------|--------------|-------------|--------|--------|-------|
| Range | 0.617 to 0.96 | 1.427 to 2.7 | 3.3 to 5.85 | | | GHz |
| Gain | 1 | 2 | 4 | | | dBi |
| VSWR Max | 3:1 | 3.5:1 | 3.5:1 | | | |

Mechanical Specifications

| | |
|-----------------|---------------------|
| Radome Material | ABS |
| Width | 0.79 in [20.07 mm] |
| Height | 5.33 in [135.38 mm] |

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:

617 MHz-960 MHz / 1710 MHz-2700 MHz / 3300 MHz-5850 MHz, 1-4 dBi, 4G 5G WiFi 6 Rubber Duck / Terminal antenna - SMA Male Connector 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.

