

2 dBi 3G/4G LTE GSM MultiBand Rubber Duck Antenna SMA Type Connector



**HG72702RD-SMOW**

**Description**

This versatile rubber duck operates in multiple cellular bands for 2G, 3G, and 4G applications. It has a swiveling articulating SMA connector

**Configuration**

Design	Rubber Duck
Application Band	3G/4G LTE Cellular GPS
Band Type	Multi-band
Radiation Pattern	Omni Directional
Polarization	Vertical
Connector Type	SMA Male
Connector Type Specification	Brass Swivel
Number of Ports	1

**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Input VSWR		2.5:1		
Impedance		50		Ohms
Gain		2		dBi
Input Power			5	Watts

**Antenna Efficiency**

Frequency (MHz)	704	960	1575	1710	2170	2300	2500	2690
Peak Gain (dBi)	1.51	1.07	1.8	3.61	3.63	2.64	2.75	2.61
Efficiency (%)	55.84	51.04	47.76	73.87	71.22	60.38	63.35	70.22

**Specifications by Band**

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	0.704 to 0.96		1.71 to 2.17		2.5 to 2.69	GHz
Gain	2	1.8	4	2.5	2.5	dBi
Horizontal HPBW	360	360	360	360	360	Degrees

**Mechanical Specifications**

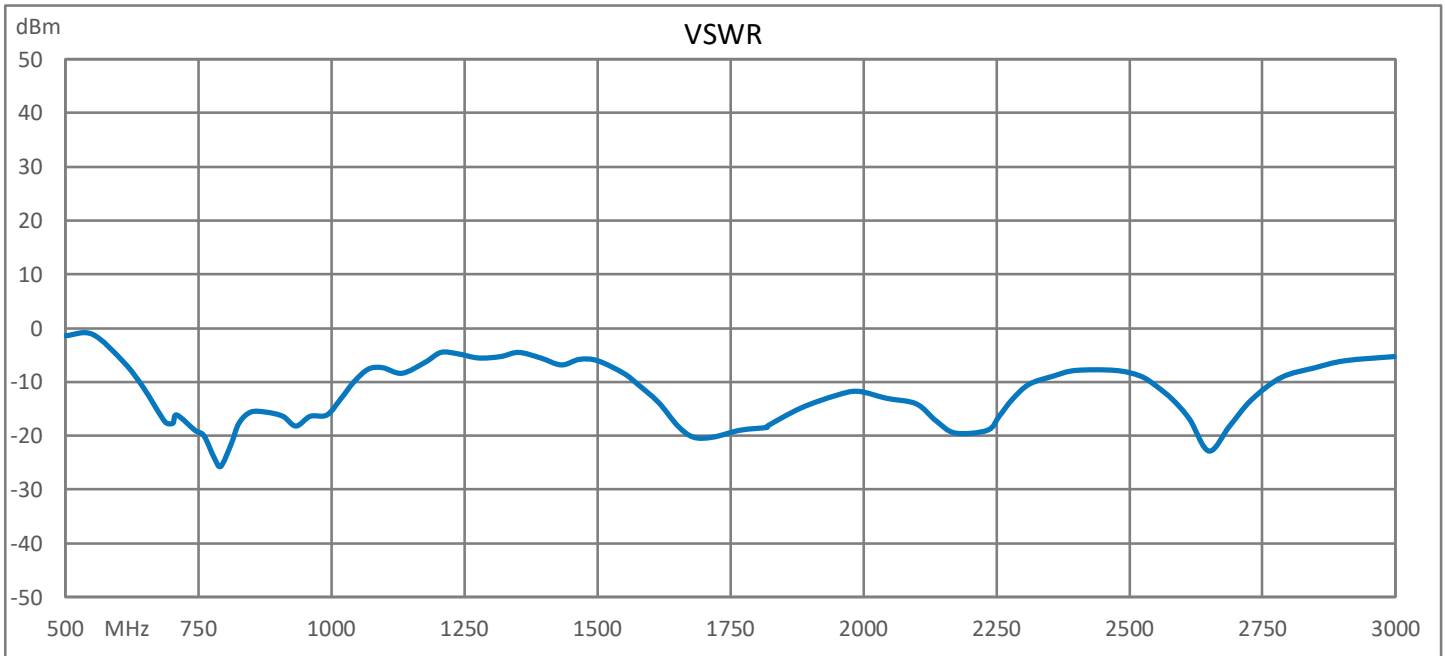
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[2 dBi 3G/4G LTE GSM MultiBand Rubber Duck Antenna SMA Type Connector HG72702RD-SMOW](#)

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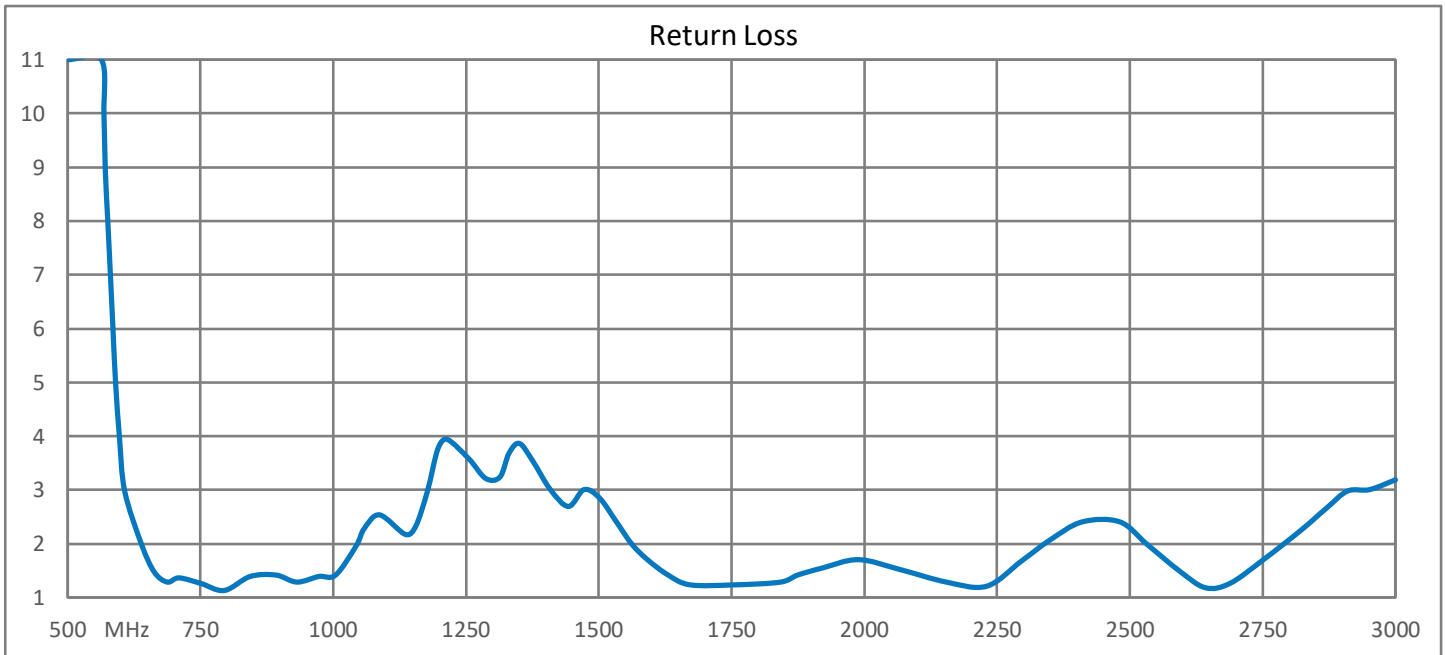
Radome Material	ABS
<b>Size</b>	
Length	5.3 in [134.62 mm]
Width	0.79 in [20.07 mm]
Height	0.4 in [10.16 mm]
Weight	0.5 lbs [226.8 g]
Color	White



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**Environmental Specifications**

**Temperature**

Operating Range

-35 to +75 deg C

Wind Survivability

130 MPH [209.21 KPH]

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

**Plotted and Other Data**

Notes:

2 dBi 3G/4G LTE GSM MultiBand Rubber Duck Antenna SMA Type 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 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

