

Rubber Duck Antenna Operates from 2.4 GHz to 2.5 GHz with a 2.2 dBi Minimum Gain Reverse Polarity SMA Male Input Connector Rated

Rubber duck portable antenna FM51077 from Fairview Microwave (also known as a rubber ducky antenna) is part of our extensive in-stock omni-directional radio antenna selection. This single band rubber duck portable antenna has a frequency range of 2.4 GHz to 2.5 GHz and a 2.2 nominal dBi gain. Our portable rubber duck antenna uses SMA male connector and is rated for 30 Watts input. FM51077 rubber duck portable radio antenna is one of over 40,000 RF, microwave and millimeter wave components supplied from Fairview Microwave. Our portable rubber duck aerial can be bought and shipped worldwide the same-day as with our other available RF parts.

Configuration

Design	Portable
Polarization	Vertical/Horizontal
Connector Type	SMA Male Reverse Polarity

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	2,400		2,500	MHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain	2.2			dBi
Input Power			30	Watts

Mechanical Specifications

Radome Material	PU
Housing Material	ABS
Size	
Length	4.25 in [107.95 mm]
Width	0.366 in [9.3 mm]
Height	0 in [0 mm]
Weight	0.01 lbs [4.54 g]

Environmental Specifications

Temperature	
Operating Range	-40 to +60 deg C

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

Plotted and Other Data

Notes:



Features:

- Vertical Polarized
- Tilt and Swivel Rubberduck / External Dipole
- 2.4 to 2.5 GHz
- 3 dBi gain
- RP-SMA Male Connector

Applications:

- 2.4 GHz Wi-Fi
- IoT
- Zigbee, Bluetooth

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Rubber Duck Antenna Operates from 2.4 GHz to 2.5 GHz with a 2.2 dBi Minimum Gain Reverse Polarity SMA Male Input Connector Rated from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Rubber Duck Antenna Operates from 2.4 GHz to 2.5 GHz with a 2.2 dBi Minimum Gain Reverse Polarity SMA Male Input Connector Rated FM51077](https://www.fairviewmicrowave.com/dbi-rubber-duck-portable-antenna-2400-2500-mhz-sma-connector-fm51077-p.aspx)

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