

### Rubber Duck Dual Band Antenna Operates From 2.4 GHz to 5.825 GHz With a Typical 0 dBi Gain Reverse Polarity SMA Male Input Connector Rated

Rubber duck portable antenna FM51081 from Fairview Microwave (also known as a rubber ducky antenna) is part of our extensive in-stock omni-directional radio antenna selection. This dual band rubber duck portable antenna has a frequency range of 2.4 GHz to 2.5 GHz, 4.9 GHz to 5.825 GHz and a 2 nominal dBi gain. Our portable rubber duck antenna uses SMA male connector and is rated for 0 Watts input. FM51081 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
Gain	2 dBi
Polarization	Vertical
Connector Type	SMA Male Reverse Polarity

#### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	2,400		5,825	MHz
Impedance		50		Ohms
Gain	2		3	dBi

#### Specifications by Frequency

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	2.4-2.5	4.9-5.825				GHz
Gain	2	3				dBi
Vert. Beam Width	2	3				Degrees

#### Mechanical Specifications

Radome Material: ABS

#### Size

Length	5.15 in [130.81 mm]
Width	0.51 in [12.95 mm]
Height	0 in [0 mm]
Weight	0.23 lbs [104.33 g]

#### Environmental Specifications

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

#### Plotted and Other Data

Notes:



#### Features:

- Vertical Polarized
- Dual Band 2.4 to 2.5 / 5.1 to 5.825 GHz
- Tilt and Swivel Rubberduck / External Dipole
- 2 to 3 dBi gain
- RP-SMA Male Connector
- Gray

#### Applications:

- 2.4 GHz Wi-Fi
- IoT
- Zigbee, Bluetooth
- 5 GHz WLAN / Wi-Fi Networks
- Public Safety

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Rubber Duck Dual Band Antenna Operates From 2.4 GHz to 5.825 GHz With a Typical 0 dBi 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 Dual Band Antenna Operates From 2.4 GHz to 5.825 GHz With a Typical 0 dBi Gain Reverse Polarity SMA Male Input Connector Rated FM51081](#)

URL: <https://www.fairviewmicrowave.com/dbi-dualband-rubber-duck-portable-antenna-2400-5825-mhz-sma-connector-fm51081-p.aspx>

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