

2.4-2.5 GHz / 5.1-5.9 GHz 7dBi Dual Band Rigid Rubberduck Antenna

The Fairview Microwave FM51RD1006 is a high performance Dual Band rubber-duck antenna designed to operate in 2.4 GHz to 2.5 GHz or 5.1 GHz to 5.9 GHz bands. The Dual Band design of this antenna eliminates the need to purchase different antennas for each frequency.

Measuring 7.07" long, this antenna features rugged composite blade style radome, Rigid N-Male connector and is ideal for use outdoors with n type 2.4/5.8GHz devices. Optional magnetic mount is available for indoor use as well.

Configuration

Design	Rubber Duck
Gain	4.5 to 4.5 dBi
Polarization	Vertical
Connector Type	N Male
Number of Ports	1

Electrical Specifications

Description	Min	Typ	Max	Units
Input VSWR			2:1	
Impedance		50		Ohms
Gain		4.5		dBi

Specifications by Frequency

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	2.4-2.5	5.15-5.85				GHz
Gain	4.5	7				dBi
Horiz. Beam Width	360	360				Degrees
Vert. Beam Width	30	30				Degrees

Mechanical Specifications

Radome Material	ABS
Size	
Length	7.1 in [180.34 mm]
Width	0.89 in [22.61 mm]
Height	0.89 in [22.61 mm]
Weight	0.06 lbs [27.22 g]

Environmental Specifications

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

Plotted and Other Data

Notes:



Features:

- 4.5 dBi @ 2.4 GHz / 7 dBi @ 5.8 GHz
- Dual band design
- Rugged composite radome
- Rigid Type N-Male connector
- Compact size

Applications:

- IEEE 802.11a/b/g/n and 802.11ac access points and routers
- 5.8 GHz ISM/UNII/WiMAX Applications
- 2.4 GHz ISM Applications
- 2.4 / 5.8 GHz Wireless Video Systems
- Radio Local Area Networks

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2.4-2.5 GHz / 5.1-5.9 GHz 7dBi Dual Band Rigid Rubberduck Antenna 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: [2.4-2.5 GHz / 5.1-5.9 GHz 7dBi Dual Band Rigid Rubberduck Antenna FM51RD1006](#)

URL: <https://www.fairviewmicrowave.com/dual-antenna-4.5-dbi-gain-n-fm51rd1006-p.aspx>

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