

## 400-520 MHz Rubber Duck Antenna, 2.15 dBi gain, SMA-Female Connector, Vertical Polarization

Fairview Microwave's FMANRBD1021 is a vertical polarized antenna that ships same day from our ISO 9001:2015 certified facility. This directional antenna has SMA female connector. The FMANRBD1021 is a single band antenna operating from 400 to 520 MHz with 2.15 dBi gain.

Fairview Microwave's antenna with 400 to 520 MHz frequency range has a maximum input VSWR of 1.5:1. The FMANRBD1021 antenna has a black radome made of TPE, an overall length of 5.90 in, width of 0.500 in, and weighs 0.022 lbs.

Use our on-line ordering system to purchase your FMANRBD1021 antenna 24 hours a day with same-day shipping and no MOQs (minimum order quantities).

### Configuration

Design	Rubber Duck
Gain	2.15
Polarization	Vertical
Connector Type	SMA Female

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	400		520	MHz
Input VSWR			1.5:1	
Impedance		50		Ohms
Gain		2.15		dBi
Input Power			50	Watts

### Mechanical Specifications

Radome Material	TPE
<b>Size</b>	
Length	5.9 in [149.86 mm]
Width	0.5 in [12.7 mm]
Height	0.5 in [12.7 mm]
Weight	0.022 lbs [9.98 g]

### Environmental Specifications

<b>Temperature</b>	
Operating Range	-40 to +80 deg C

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

### Plotted and Other Data

Notes:



### Features:

- 400 MHz to 520 MHz, 2.15 dBi Gain
- SMA-Female connector
- Heliflex whip antenna
- Plug and play
- 50W power handling
- VSWR < 1.5:1
- Vertical polarization
- Black

### Applications:

- PtP or PtMP applications
- Trunking for two-way radio comms
- UHF applications
- Public Safety / Emergency services
- Tetra and P-25 applications exclusively supported
- Land and Private mobile radio (LMR) (PMR)
- Fixed and mobile services

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400-520 MHz Rubber Duck Antenna, 2.15 dBi gain, SMA-Female Connector, Vertical Polarization 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: [400-520 MHz Rubber Duck Antenna, 2.15 dBi gain, SMA-Female Connector, Vertical Polarization FMANRBD1021](#)

URL: <https://www.fairviewmicrowave.com/2.15-dbi-rubber-duck-antenna-400-520-mhz-sma-connector-fmanrbd1021-p.aspx>

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