

136-174 MHz Rubber Duck Antenna, 1.8 dBi gain, SMA Female Connector, Vertical Polarization

Fairview Microwave's FMANRBD1020 is a vertical polarized antenna that ships same day from our ISO 9001:2015 certified facility. This directional antenna has SMA female connector. The FMANRBD1020 is a single band antenna operating from 136 to 174 MHz with 1.8 dBi gain.

Fairview Microwave's antenna with 136 to 174 MHz frequency range has a maximum input VSWR of 1.5:1. The FMANRBD1020 antenna has a black radome made of TPE, an overall length of 6.60 in, width of 0.500 in, and weighs 0.022 lbs.

Use our on-line ordering system to purchase your FMANRBD1020 antenna 24 hours a day with same-day shipping and no MOQs (minimum order quantities).

Configuration

Design	Rubber Duck
Gain	1.8
Polarization	Vertical
Connector Type	SMA Female

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	136		174	MHz
Input VSWR			1.5:1	
Impedance		50		Ohms
Gain		1.8		dBi
Input Power			50	Watts

Mechanical Specifications

Radome Material	TPE
Size	
Length	6.6 in [167.64 mm]
Width	0.5 in [12.7 mm]
Height	0.5 in [12.7 mm]
Weight	0.022 lbs [9.98 g]

Environmental Specifications

Temperature	
Operating Range	-40 to +80 deg C

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

Plotted and Other Data

Notes:



Features:

- 136 MHz to 174 MHz, 1.8 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
- VHF applications
- Public Safety / Emergency services
- Marine / Rail road communications
- P-25 applications exclusively supported
- Land mobile radio (LMR)
- Fixed and mobile services

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136-174 MHz Rubber Duck Antenna, 1.8 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: [136-174 MHz Rubber Duck Antenna, 1.8 dBi gain, SMA Female Connector, Vertical Polarization FMANRBD1020](#)

URL: <https://www.fairviewmicrowave.com/1.8-dbi-rubber-duck-antenna-136-174-mhz-sma-connector-fmanrbd1020-p.aspx>

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