

## 136-174 MHz Rubber Duck Antenna, 1.8 dBi gain, I-COM Connector, Vertical Polarization

Fairview Microwave's FMANRBD1022 is a vertical polarized antenna that ships same day from our ISO 9001:2015 certified facility. This directional antenna has L-COM connector. The FMANRBD1022 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 FMANRBD1022 antenna has a black radome made of TPE, an overall length of 6.48 in, width of 0.500 in, and weighs 0.022 lbs.

Use our on-line ordering system to purchase your FMANRBD1022 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	I-COM

### 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
<b>Size</b>	
Length	6.48 in [164.59 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:

- 136 MHz to 174 MHz, 1.8 dBi Gain
- ICOM 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

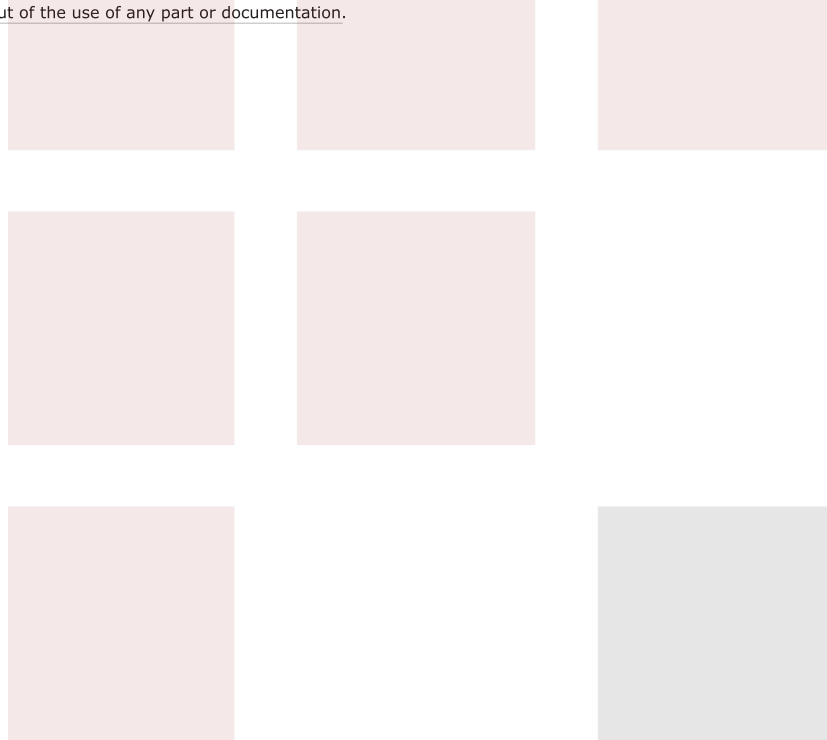
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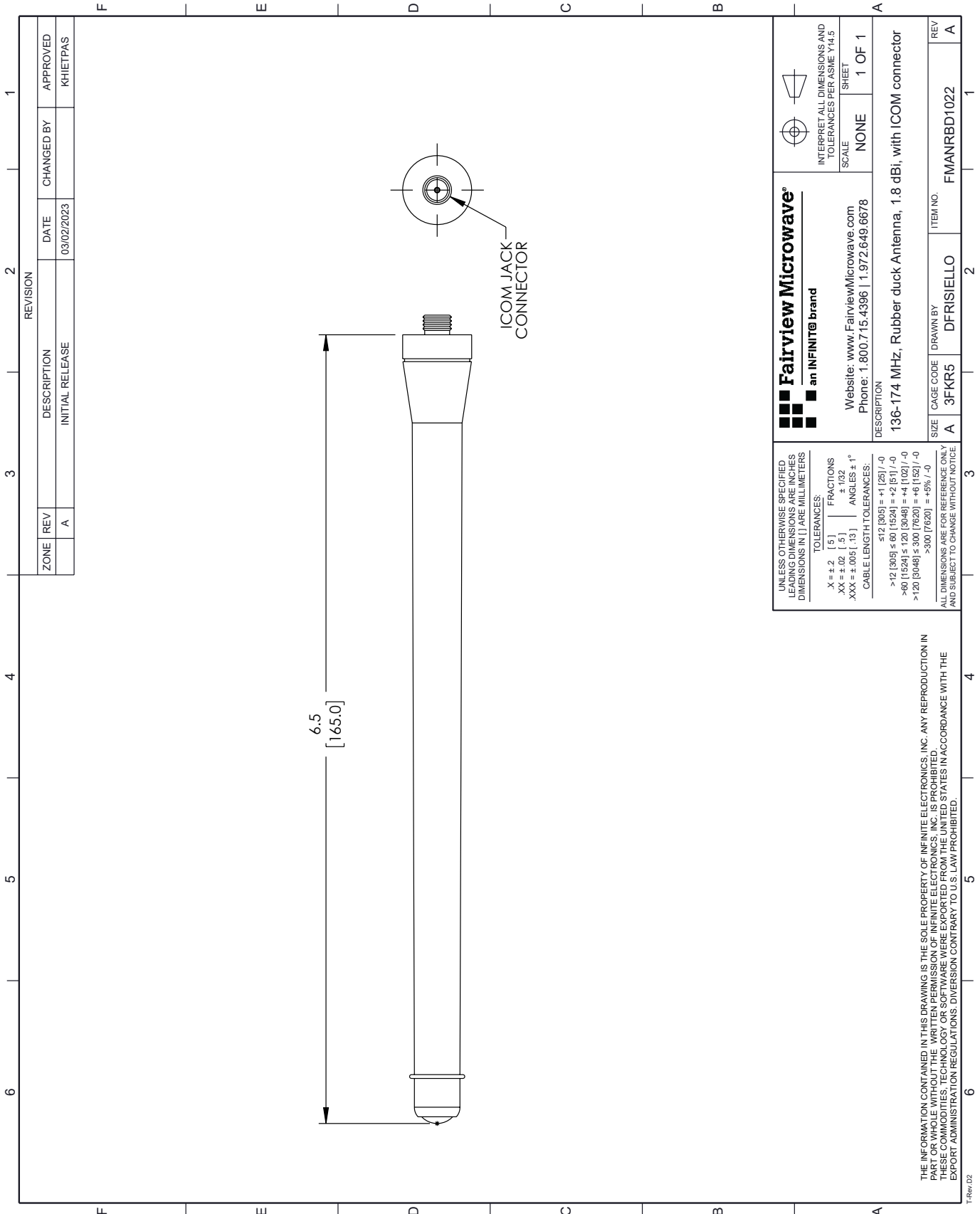
136-174 MHz Rubber Duck Antenna, 1.8 dBi gain, I-COM Connector, Vertical Polarization from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [136-174 MHz Rubber Duck Antenna, 1.8 dBi gain, I-COM Connector, Vertical Polarization FMANRBD1022](#)

URL: <https://www.fairviewmicrowave.com/1.8-dbi-rubber-duck-antenna-136-174-mhz-invalid-alias-lookup-for-i-com-connector-fmanrbd1022-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.





ZONE		REVISION		APPROVED	
REV	DESCRIPTION	DATE	CHANGED BY	KHIETPAS	
A	INITIAL RELEASE	03/02/2023			

<p><b>Fairview Microwave®</b> an INFINITE® brand</p> <p>Website: <a href="http://www.FairviewMicrowave.com">www.FairviewMicrowave.com</a> Phone: 1.800.715.4396   1.972.649.6678</p>		<p>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</p> <p>SCALE: NONE SHEET: 1 OF 1</p>	
<p>UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES AND DIMENSIONS IN [ ] ARE IN MILLIMETERS.</p> <p>TOLERANCES:</p> <p>.X = ±.2 [ .5 ] FRACTIONS .XX = ±.02 [ .5 ] ±.132 .XXX = ±.005 [ .13 ] ANGLES ± 1°</p> <p>CABLE LENGTH TOLERANCES:</p> <p>≤12 [305] = +1 [25] / -0 &gt;12 [305] ≤ 60 [1524] = +2 [51] / -0 &gt;60 [1524] ≤ 120 [3048] = +4 [102] / -0 &gt;120 [3048] ≤ 300 [7620] = +6 [152] / -0 &gt;300 [7620] = +5% / -0</p>		<p>DESCRIPTION</p> <p>136-174 MHz, Rubber duck Antenna, 1.8 dBi, with ICOM connector</p>	
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	3FKR5	DFRISIELLO	FMANRBD1022

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