

66-88 MHz Rubber Duck Antenna, 1.8 dBi gain, SMA Male Connector, Vertical Polarization

Fairview Microwave's FMANRBD1023 is a vertical polarized antenna that ships same day from our ISO 9001:2015 certified facility. This directional antenna has SMA male connector. The FMANRBD1023 is a single band antenna operating from 66 to 88 MHz with 1.8 dBi gain.

Fairview Microwave's antenna with 66 to 88 MHz frequency range has a maximum input VSWR of 1.5:1. The FMANRBD1023 antenna has a black radome made of TPE, an overall length of 8.37 in, width of 0.500 in, and weighs 0.022 lbs.

Use our on-line ordering system to purchase your FMANRBD1023 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 Male

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	66		88	MHz
Input VSWR			1.5:1	
Impedance		50		Ohms
Gain		1.8		dBi
Input Power			50	Watts

Mechanical Specifications

Radome Material	TPE
Size	
Length	8.37 in [212.6 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:

- 66 MHz to 88 MHz, 1.8 dBi Gain
- SMA-Male 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

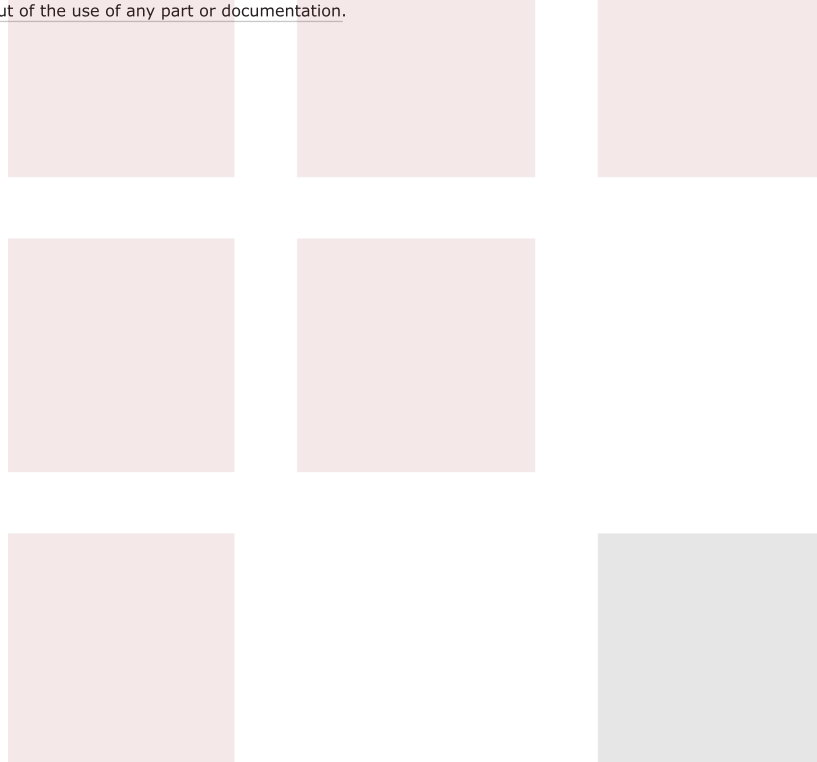
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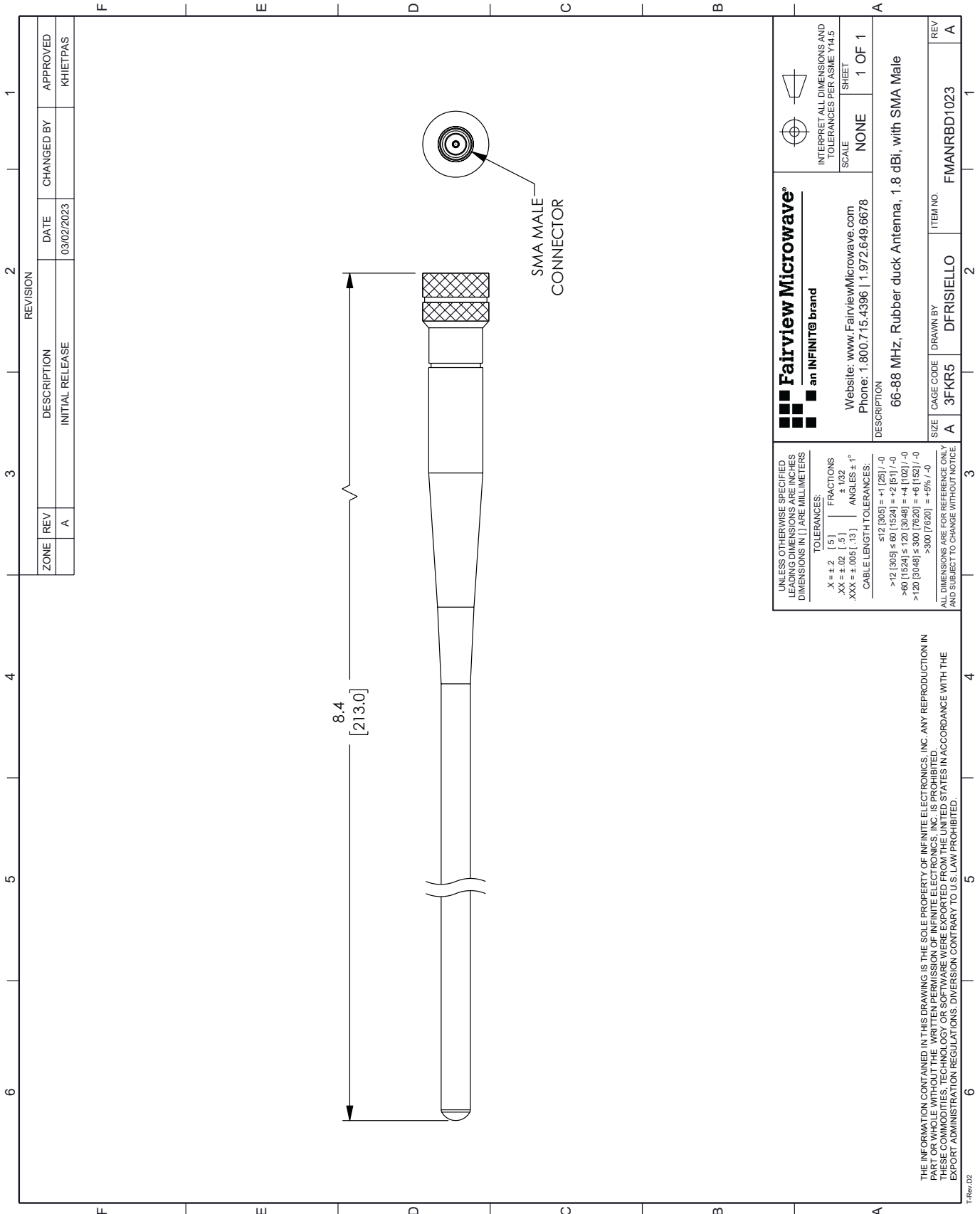
66-88 MHz Rubber Duck Antenna, 1.8 dBi gain, SMA Male Connector, Vertical Polarization from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [66-88 MHz Rubber Duck Antenna, 1.8 dBi gain, SMA Male Connector, Vertical Polarization FMANRBD1023](#)

URL: <https://www.fairviewmicrowave.com/1.8-dbi-rubber-duck-antenna-66-88-mhz-sma-connector-fmanrbd1023-p.aspx>

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ZONE		REVISION		APPROVED	
1	A	INITIAL RELEASE	03/02/2023	CHANGED BY	KHIETPAS

Fairview Microwave an INFINIT [®] brand Website: www.FairviewMicrowave.com Phone: 1.800.715.4396 1.972.649.6678		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1							
UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS TOLERANCES: .X = ±.2 [.5] FRACTIONS ± .132 .XX = ±.02 [.5] ANGLES ± 1° .XXX = ±.005 [.13] CABLE LENGTH TOLERANCES: ≤12 [305] = +1 [25] / -0 >12 [305] ≤ 60 [1524] = +2 [51] / -0 >60 [1524] ≤ 120 [3048] = +4 [102] / -0 >120 [3048] ≤ 300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0		DESCRIPTION: 66-88 MHz, Rubber duck Antenna, 1.8 dBi, with SMA Male							
SIZE	A	CAGE CODE	3FKR5	DRAWN BY	DFRISIELLO	ITEM NO.	FMANRBD1023	REV	A

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.

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