

## 900 MHz to 935 MHz Stubby Antenna, Monopole, SMA Male Connector, 1 dBi Gain

### Description

The Fairview Microwave FMANRBD1040 is an omni antenna operating from 900 MHz to 935 MHz with 1 dBi gain. Our high-quality omnidirectional antenna has a maximum input VSWR of 2:1, which results in the best power transfer and reduced losses. This monopole antenna transmits high power signals, increasing the signal strength, thus providing improved coverage, better broadcast control, and faster speed. Our stubby omni antenna is specifically stocked to be available for same business day shipment.

This FMANRBD1040 antenna from Fairview Microwave is ideal for public safety, security, construction, wireless communications, RFID, asset tracking, inventory management, wireless metering systems, wireless paging systems, industrial monitoring and data transmission, remote control, and amateur radio. Our omnidirectional antenna has linear polarization, an SMA male connector, and an ABS radome material. The SMA male connector on this communication antenna enables it to be used vertically or at any angle in between.

Fairview Microwave antenna is 0.37 inches wide, 2.01 inches long, and 0.37 inches tall. This 1 dBi antenna have a sturdy design, a high power handling capacity, and IP65 ingress protection rating. The FMANRBD1040 single-band antenna has a gain of 1 dBi for the 900 MHz to 935 MHz frequency range. Our black omnidirectional antenna functions between -40 to 65 degrees C and has 50 Ohm impedance.

Fairview Microwave has one of the largest in-stock selections of monopole omni directional antennas for international and domestic orders. Make your online purchase right now to take advantage of our same business day shipping. For further information on similar antennas, our expert technical support and knowledgeable sales team can help you get the perfect 900 MHz to 935 MHz antenna for your requirements.

### Configuration

Design	Rubber Duck
Polarization	Linear
Connector Type	SMA Male

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	900		935	MHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain	0		1	dBi
Input Power			10	Watts

### Mechanical Specifications

Radome Material	ABS
<b>Size</b>	
Length	2.01 in [51.05 mm]
Width	0.37 in [9.4 mm]
Height	0.37 in [9.4 mm]



### Features:

- 900-935 MHz, 1 dBi Gain
- SMA male connector
- Plug and play
- VSWR < 2:1
- Linear polarization
- Monopole antenna

### Applications:

- Public Safety, security, construction sites
- IOT sensors and trackers
- Wireless communications
- Remote control
- Industrial monitoring and tracking
- Amateur radio
- RFID applications
- Asset tracking and management
- Wireless metering and paging systems

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Weight 0.01 lbs [4.54 g]

**Environmental Specifications**

**Temperature**

Operating Range -40 to +65 deg C  
Storage Range -40 to +80 deg C

Environment Waterproof  
Ingress Protection IP65

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

**Plotted and Other Data**

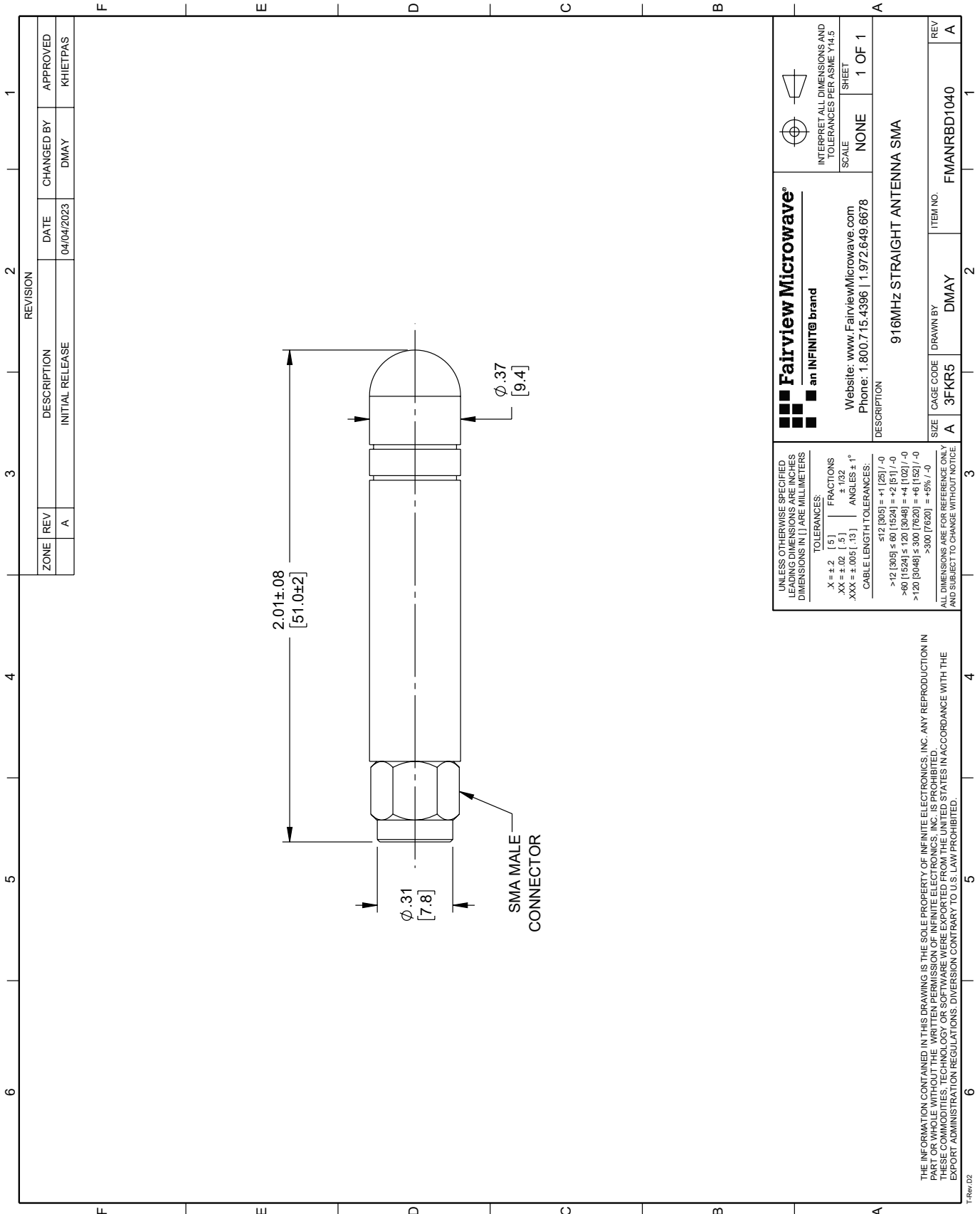
Notes:

900 MHz to 935 MHz Stubby Antenna, Monopole, SMA Male Connector, 1 dBi Gain 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: [900 MHz to 935 MHz Stubby Antenna, Monopole, SMA Male Connector, 1 dBi Gain FMANRBD1040](#)

URL:

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		DESCRIPTION		DATE		CHANGED BY		APPROVED	
A				INITIAL RELEASE		04/04/2023		DMAY			KHIETPAS

<p><b>Fairview Microwave</b> an INFINIT<sup>®</sup> 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</p> <p>SHEET: 1 OF 1</p>	
DESCRIPTION: 916MHz STRAIGHT ANTENNA SMA			
SIZE: A	CAGE CODE: 3FKR5	DRAWN BY: DMAY	ITEM NO.: FMANRBD1040
REV: A			

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X = ± .2	[ .5 ]	FRACTIONS
.XX = ± .02	[ .5 ]	± 1/32
.XXX = ± .005	[ .13 ]	ANGLES ± 1°

CABLE LENGTH TOLERANCES:

≤ 12 [305]	± 0.005	± 0.125	/ -0
> 12 [305]	± 0.010	± 0.250	/ -0
> 60 [1524]	± 0.020	± 0.500	/ -0
> 120 [3048]	± 0.040	± 1.000	/ -0
> 300 [7620]	± 0.080	± 2.000	/ -0

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

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