

## 650 MHz to 3.31 GHz LTE Antenna, Tilt and Swivel, Monopole, SMA Male Connector

### Description

The Fairview Microwave FMANRBD1053 is an omni antenna operating from 650 MHz to 3.3 GHz. Our high quality tilt-and-swivel antenna has a maximum input VSWR of 4:1, which results in the best power transfer and reduced losses. This monopole LTE antenna transmits high power signals, increasing the signal strength, thus providing improved coverage, better broadcast control, and faster speed. Our omni antenna is specifically stocked to be available for same business day shipment.

This FMANRBD1053 antenna from Fairview Microwave is ideal for LMR, public safety, security, construction, wireless communications, IOT sensors, IOT trackers, wireless microphones, remote control, industrial monitoring and data transmission, amateur radio, WISP applications, 5G wireless network, RFID, 2.4 GHz Wi-Fi and ISM applications, and Bluetooth. Our omnidirectional antenna has vertical polarization and an SMA male connector. The SMA male connector on this communication antenna enables it to be used vertically or at any angle in between.

Fairview Microwave antenna is 0.39 inches wide, 3.09 inches long, and 0.39 inches tall. This antenna have a sturdy design and a high power handling capacity. This FMANRBD1053 antenna transmits high power signals, increasing the signal strength, thus providing improved coverage, better broadcast control, and faster speed. Our black omnidirectional antenna functions between -20 to 60 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 650 MHz to 3.3 GHz antenna for your requirements.

### Configuration

Design	Rubber Duck
Gain	0 dBi
Polarization	Vertical
Connector Type	SMA Male

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	650		3,310	MHz
Impedance		50		Ohms
Input Power			10	Watts

### Specifications by Frequency

Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	0.65-0.96	1.973-2.498	3.31			GHz
Gain	0	1	1.3			dBi
VSWR	3:01	3:01	2:01			



### Features:

- 650-960 / 1937-2498 / 3310 MHz, 1 dBi Gain
- SMA male connector
- Plug and play
- VSWR < 3:1
- Vertical polarization
- Monopole antenna

### Applications:

- LMR and Public Safety
- Wireless communications
- IOT sensors and trackers
- Wireless microphones
- Remote control
- Industrial monitoring
- Amateur radio
- 2.4 GHz Wi-Fi and ISM applications
- 802.11 a/b/g/n/ax, wireless hotspots
- 5G bands: n5, n8, n12, n13, n14, n18, n20, n26, n28, n30, n34, n40, n53, n65, n71, n81, n82, n83, n85, n89, n91, n92, n93, n94, n95, n97, n100, n105
- 4G LTE bands: B1, B4, B5, B6, B8, B12, B13, B14, B17, B18, B19, B20, B23, B26, B27, B28, B30, B34, B36, B40, B68, B71, B85

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**Mechanical Specifications**

Radome Material	ABS
<b>Size</b>	
Length	3.09 in [78.49 mm]
Width	0.39 in [9.91 mm]
Height	0.39 in [9.91 mm]
Weight	0.02 lbs [9.07 g]

**Environmental Specifications**

<b>Temperature</b>	
Operating Range	-20 to +60 deg C
Storage Range	-30 to +70 deg C
Environment	Waterproof
Ingress Protection	IP65

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

**Plotted and Other Data**

Notes:

650 MHz to 3.31 GHz LTE Antenna, Tilt and Swivel, Monopole, SMA Male Connector 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: [650 MHz to 3.31 GHz LTE Antenna, Tilt and Swivel, Monopole, SMA Male Connector FMANRBD1053](#)

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.

