

860 MHz to 870 MHz Stubby Antenna, Monopole, SMA Male Connector, 1 dBi Gain

Description

The Fairview Microwave FMANRBD1037 is an omni antenna operating from 860 MHz to 870 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 FMANRBD1037 antenna from Fairview Microwave is ideal for public safety, security, construction, wireless communications, IOT sensors, IOT trackers, wireless microphones, 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 FMANRBD1037 single-band antenna has a gain of 1 dBi for the 860 MHz to 870 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 860 MHz to 870 MHz antenna for your requirements.

Configuration

Design	Rubber Duck
Polarization	Linear
Connector Type	SMA Male

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	860		870	MHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain	0		1	dBi
Input Power			10	Watts

Mechanical Specifications

Radome Material	ABS
Size	
Length	2.01 in [51.05 mm]
Width	0.37 in [9.4 mm]
Height	0.37 in [9.4 mm]



Features:

- 860-870 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

Fairview Microwave
 301 Leora Ln., Suite 100
 Lewisville, TX 75056
 Tel: 1-800-715-4396 / (972) 649-6678
 Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

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:

860 MHz to 870 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: [860 MHz to 870 MHz Stubby Antenna, Monopole, SMA Male Connector, 1 dBi Gain FMANRBD1037](#)

URL:

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