

3.3 GHz to 3.8 GHz Blade Style Antenna, Dipole, SMA Male Connector, 4.5 dBi Gain

Description

The Fairview Microwave FMANRBD1052 is an omni antenna operating from 3.3 GHz to 3.8 GHz with 4.5 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 dipole 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 FMANRBD1052 blade style antenna from Fairview Microwave is ideal for CBRS application range, WISP applications, 5G wireless network, remote monitoring, telemedicine, disaster response, RFID, surveillance systems, and broadcasting equipment addition. Our omnidirectional antenna has vertical 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 0.86 inches wide, 8.19 inches long, and 0.51 inches tall. This 4.5 dBi antenna have a sturdy design and a high power handling capacity. The FMANRBD1052 single-band antenna has a gain of 4.5 dBi for the 3.3 GHz to 3.8 GHz frequency range. Our black omnidirectional antenna functions between -20 to 65 degrees C and has 50 Ohm impedance.

Fairview Microwave has one of the largest in-stock selections of dipole 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 3.3 GHz to 3.8 GHz antenna for your requirements.

Configuration

Design	Rubber Duck
Gain	4.5
Polarization	Vertical
Connector Type	SMA Male

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	3,300		3,800	MHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain		4.5		dBi
Input Power			10	Watts

Mechanical Specifications

Radome Material	ABS
Size	
Length	8.19 in [208.03 mm]
Width	0.86 in [21.84 mm]
Height	0.51 in [12.95 mm]



Features:

- 3300-3800 MHz, 4.5 dBi Gain
- SMA male connector
- Plug and play
- VSWR < 2:1
- Vertical polarization
- Dipole antenna

Applications:

- CBRS application range
- WISP applications
- 5G wireless network
- Remote monitoring
- Telemedicine, disaster response
- RFID
- Surveillance systems
- Broadcasting equipment addition
- 5G bands: n48, n77, n78
- 4G LTE bands: B22, B42, B43, B48, B49, B52

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Weight 0.06 lbs [27.22 g]

Environmental Specifications

Temperature

Operating Range -20 to +65 deg C
Storage Range -20 to +65 deg C

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

Plotted and Other Data

Notes:

3.3 GHz to 3.8 GHz Blade Style Antenna, Dipole, SMA Male Connector, 4.5 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: [3.3 GHz to 3.8 GHz Blade Style Antenna, Dipole, SMA Male Connector, 4.5 dBi Gain FMANRBD1052](#)

URL:

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