

Portable Dual Band Antenna Operates From 2.4 GHz to 5.8 GHz With a Nominal 2 dBi Gain TNC Male Input Connector

FM51088 from Fairview Microwave is part of our extensive in-stock omni-directional radio antenna selection. This dual band portable antenna has a frequency range of 2.4 GHz to 2.5 GHz, 4.9 GHz to 5.1 GHz and a 2 nominal dBi gain. Our portable antenna uses TNC male connector and is rated for 0 Watts input. FM51088 portable radio antenna is one of over 40,000 RF, microwave and millimeter wave components supplied from Fairview Microwave. Our portable aerial can be bought and shipped worldwide the same-day as with our other available RF parts.

Configuration

Design: Portable
Polarization: Vertical
Connector Type: TNC Male Reverse Polarity

Electrical Specifications

| Description | Min | Typ | Max | Units |
|-----------------|-------|-----|-------|-------|
| Frequency Range | 2,400 | | 5,800 | MHz |
| Input VSWR | | | 2.5:1 | |
| Impedance | | 50 | | Ohms |
| Gain | 2 | | | dBi |

Specifications by Frequency

| Description | Band 1 | Band 2 | Band 3 | Band 4 | Band 5 | Units |
|-------------|---------|---------|---------|--------|--------|-------|
| Range | 2.4-2.5 | 4.9-5.1 | 5.1-5.8 | | | GHz |
| VSWR | 2:1 | 3:1 | 2.5:1 | | | |

Mechanical Specifications

Radome Material: ABS

Size
Length: 3.57 in [90.68 mm]
Width: 0.57 in [14.48 mm]
Height: 0 in [0 mm]
Weight: 0.025 lbs [11.34 g]

Environmental Specifications

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

Plotted and Other Data

Notes:



Features:

- Vertical Polarized
- Straight Rubberduck / External Dipole
- 2.4 to 2.5 / 4.9 to 5.825 GHz
- 2 dBi gain
- RP-TNC Male Connector
- Gray

Applications:

- 2.4 GHz Wi-Fi
- Industrial IoT
- Zigbee, Bluetooth
- 5 GHz WLAN / Wi-Fi Networks
- Public Safety

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Portable Dual Band Antenna Operates From 2.4 GHz to 5.8 GHz With a Nominal 2 dBi Gain TNC Male Input 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: [Portable Dual Band Antenna Operates From 2.4 GHz to 5.8 GHz With a Nominal 2 dBi Gain TNC Male Input Connector FM51088](#)

URL: <https://www.fairviewmicrowave.com/dbi-dualband-portable-antenna-2400-5800-mhz-tnc-connector-fm51088-p.aspx>

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