

2400-2500/ 5150-5825 MHz, 4.35/3.24 dBi, Stamped Metal AP/Router Embedded Antenna

Fairview Microwave's FMSMA1012 is a linear polarized antenna that ships same day from our ISO 9001:2015 certified facility. The FMSMA1012 is a dual band antenna operating from 2400 to 2500 MHz with 4.35 dBi gain and 5150 to 5825 MHz with 3.24 dBi gain. This stamped metal antenna has a nominal gain of 3.24 dBi.

Fairview Microwave's stamped metal antenna with a 2400 to 5825 MHz frequency range has a maximum input VSWR of 2. The FMSMA1012 antenna has an overall length of 1.45 inches and a width of 0.06 inches. This omni directional antenna has an impedance of 50 Ohms.

Additional dimensions and specifications for these stamped metal antennas are on our downloadable PDF datasheet above. Our technical experts are on hand to assist you with any inquiries. Use our online ordering system to purchase your FMSMA1012 antenna 24 hours a day with same-day shipping and no MOQs (minimum order quantities).

Configuration

| | |
|--------------|---------------|
| Design | Stamped Metal |
| Gain | 3.24 dBi |
| Polarization | Linear |

Electrical Specifications

| Description | Min | Typ | Max | Units |
|-----------------|-------|-----|-------|-------|
| Frequency Range | 2,400 | | 5,825 | MHz |
| Input VSWR | | | 2:1 | |
| Impedance | | 50 | | Ohms |
| Gain | 3.24 | | 4.35 | dBi |
| Input Power | | | 1 | Watt |

Specifications by Frequency

| Description | Band 1 | Band 2 | Band 3 | Band 4 | Band 5 | Units |
|-------------|---------|------------|--------|--------|--------|-------|
| Range | 2.4-2.5 | 5.15-5.825 | | | | GHz |
| Gain | 4.35 | 3.24 | | | | dBi |

Mechanical Specifications

| | |
|-------------|--------------------|
| Size | |
| Length | 1.45 in [36.83 mm] |
| Width | 0.06 in [1.52 mm] |
| Height | 0.29 in [7.37 mm] |

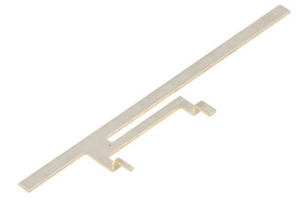
Environmental Specifications

| | |
|--------------------|------------------|
| Temperature | |
| Operating Range | -40 to +85 deg C |

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

Plotted and Other Data

Notes:



Features:

- High Efficiency
- Isotropic radiation patterns
- Linear polarization
- Ultra-Compact design
- Low loss material - Nickel-Plated brass
- Extended operating temperatures
- Case mounting or on board mount
- Dual band frequency stabilization
- Single piece for easy buy

Applications:

- IoT, M2M, Telemetry
- Wireless Remote Control
- Personal Area Networks(PAN)
- Industrial/Commercial Equipment
- 2.4/5 GHz - Wi-Fi/BT/BLE/ ZigBee/ISM applications
- IEEE802.11a/b/g/n/ac embedded applications
- Remote Technology / Monitoring
- Consumer Tracking
- Smart Home / Wearables / Devices
- Agriculture, healthcare, digital signage

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2400-2500/ 5150-5825 MHz, 4.35/3.24 dBi, Stamped Metal AP/Router Embedded Antenna 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: [2400-2500/ 5150-5825 MHz, 4.35/3.24 dBi, Stamped Metal AP/Router Embedded Antenna FMSMA1012](#)

URL: <https://www.fairviewmicrowave.com/dualband-stamped-metal-antenna-2400-5825-mhz-4694r-br-connector-fms-ma1012-p.aspx>

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