

2400-2500 MHz, 2 dBi, Stamped Metal AP/Router Embedded Antenna

Fairview Microwave's FMSMA1002 is a linear polarized antenna that ships same day from our ISO 9001:2015 certified facility. The FMSMA1002 is a single-band antenna with a maximum frequency of 2500 MHz and a minimum frequency of 2400 MHz. This stamped metal antenna has a nominal gain of 2 dBi.

Fairview Microwave's stamped metal antenna with a 2400 to 2500 MHz frequency range has a maximum input VSWR of 2. The FMSMA1002 antenna has an overall length of 1.22 inches and a width of 0.32 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 FMSMA1002 antenna 24 hours a day with same-day shipping and no MOQs (minimum order quantities).

Configuration

Design	Stamped Metal
Gain	2
Polarization	Linear

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	2,400		2,500	MHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain		2		dBi
Input Power			1	Watt

Mechanical Specifications

Size	
Length	1.22 in [30.99 mm]
Width	0.32 in [8.13 mm]
Height	0.07 in [1.78 mm]

Environmental Specifications

Temperature	
Operating Range	-20 to +65 deg C

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

Plotted and Other Data

Notes:



Features:

- Efficiency - 50%
- Isotropic radiation patterns
- Linear polarization
- Ultra-Compact design
- Low loss material
- Extended operating temperatures
- Case mounting or on board mount
- 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 MHz, 2 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 MHz, 2 dBi, Stamped Metal AP/Router Embedded Antenna FMSMA1002](#)

URL: <https://www.fairviewmicrowave.com/2-stamped-metal-antenna-2400-2500-mhz-4694r-br-connector-fmsma1002-p.aspx>

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