

2400-2500/ 5150-5825 MHz, 3.15/6.52 dBi, Stamped Metal AP/Router Embedded Antenna With IPEX Connector

Fairview Microwave's FMSMA1006 is a linear polarized antenna that ships same day from our ISO 9001:2015 certified facility. The FMSMA1006 is a dual band antenna operating from 2400 to 2500 MHz with 3.15 dBi gain and 5150 to 5825 MHz with 6.52 dBi gain. This stamped metal antenna with an IPEX connector has a nominal gain of 6.52 dBi.

Fairview Microwave's stamped metal antenna with a 2400 to 5825 MHz frequency range has a maximum input VSWR of 2. The FMSMA1006 antenna has an overall length of 1.38 inches and a width of 0.38 inches. This omni directional antenna has an impedance of 50 Ohms.

Additional dimensions and specifications for these stamped metal antennas with an IPEX connector 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 FMSMA1006 antenna 24 hours a day with same-day shipping and no MOQs (minimum order quantities).

Configuration

Design	Stamped Metal
Gain	3.15 dBi
Polarization	Linear
Cable Length	5.9 in [149.86 mm]
Connector Type	IPEX
Number of Ports	1

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	2,400		5,825	MHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain	3.15		6.52	dBi
Input Power			1	Watt

Specifications by Frequency

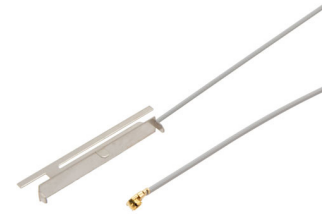
Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	2.4-2.5	5.15-5.825				GHz
Gain	3.15	6.52				dBi

Mechanical Specifications

Size	
Length	1.38 in [35.05 mm]
Width	0.38 in [9.65 mm]
Height	0.2 in [5.08 mm]

Environmental Specifications

Temperature	
Operating Range	-20 to +65 deg C



Features:

- High Efficiency
- Isotropic radiation patterns
- Linear polarization
- Ultra-Compact design
- Low loss material
- Extended operating temperatures
- Case mounting or on board mount
- Dual band frequency stabilization
- IPEX connector - 150mm cable
- 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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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

2400-2500/ 5150-5825 MHz, 3.15/6.52 dBi, Stamped Metal AP/Router Embedded Antenna With IPEX 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: [2400-2500/ 5150-5825 MHz, 3.15/6.52 dBi, Stamped Metal AP/Router Embedded Antenna With IPEX Connector FMSMA1006](#)

URL: <https://www.fairviewmicrowave.com/dualband-stamped-metal-antenna-2400-5825-mhz-invalid-alias-lookup-for-ipex-connector-fmsma1006-p.aspx>

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