

## 2400-2500/ 5150-5825 MHz, 4.8/3.7 dBi, Stamped Metal AP/Router Embedded Antenna With IPEX Connector

Fairview Microwave's FMSMA1018 is a linear polarized antenna that ships same day from our ISO 9001:2015 certified facility. The FMSMA1018 is a dual band antenna operating from 2400 to 2500 MHz with 4.8 dBi gain and 5150 to 5825 MHz with 3.7 dBi gain. This stamped metal antenna with an IPEX connector has a nominal gain of 4.8 dBi.

Fairview Microwave's stamped metal antenna with a 2400 to 5825 MHz frequency range has a maximum input VSWR of 2. The FMSMA1018 antenna has an overall length of 1.27 inches and a width of 0.21 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 FMSMA1018 antenna 24 hours a day with same-day shipping and no MOQs (minimum order quantities).

### Configuration

Design	Stamped Metal
Gain	3.7 dBi
Polarization	Linear
Cable Length	14.9 in [378.46 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	3.7		4.8	dBi
Input Power			1	Watt

### Specifications by Frequency

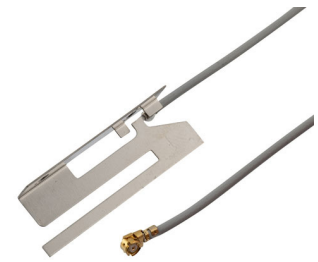
Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	2.4-2.5	5.15-5.825				GHz
Gain	4.8	3.7				dBi

### Mechanical Specifications

<b>Size</b>	
Length	1.27 in [32.26 mm]
Width	0.21 in [5.33 mm]
Height	0.39 in [9.91 mm]

### Environmental Specifications

<b>Temperature</b>	
Operating Range	-40 to +85 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 - 380mm 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
- IEEE 802.11 a/b/g/n/ac/ax embedded applications
- Remote Technology / Monitoring
- Consumer Tracking
- Smart Home / Wearables / Devices
- Agriculture, healthcare, digital signage

Fairview Microwave  
301 Leora Ln., Suite 100  
Lewisville, TX 75056  
Tel: 1-800-715-4396 / (972) 649-6678  
Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

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

**Plotted and Other Data**

Notes:

2400-2500/ 5150-5825 MHz, 4.8/3.7 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, 4.8/3.7 dBi, Stamped Metal AP/Router Embedded Antenna With IPEX Connector FMSMA1018](#)

URL: <https://www.fairviewmicrowave.com/dualband-stamped-metal-antenna-2400-5825-mhz-invalid-alias-lookup-for-ipex-connector-fmsma1018-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.

