

## 1800-1900 MHz, 3 dBi, Stamped Metal DECT Embedded Antenna

Fairview Microwave's FMSMA1009 is a linear polarized antenna that ships same day from our ISO 9001:2015 certified facility. The FMSMA1009 is a single-band antenna with a maximum frequency of 1900 MHz and a minimum frequency of 1800 MHz. This stamped metal antenna has a nominal gain of 3 dBi.

Fairview Microwave's stamped metal antenna with a 1800 to 1900 MHz frequency range has a maximum input VSWR of 2. The FMSMA1009 antenna has an overall length of 1.14 inches and a width of 0.6 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 FMSMA1009 antenna 24 hours a day with same-day shipping and no MOQs (minimum order quantities).

### Configuration

Design	Stamped Metal
Gain	3
Polarization	Linear

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	1,800		1,900	MHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain		3		dBi
Input Power			1	Watt

### Mechanical Specifications

<b>Size</b>	
Length	1.14 in [28.96 mm]
Width	0.6 in [15.24 mm]
Height	0.03 in [0.76 mm]

### Environmental Specifications

<b>Temperature</b>	
Operating Range	-20 to +65 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 - Bare CP wire
- Extended operating temperatures
- On board mount
- Frequency stabilization
- Single piece for easy buy

### Applications:

- IoT, M2M, Telemetry
- Industrial/Commercial Equipment
- Digital Enhanced Cordless Telecommunications Standard (DECT)
- 3G compatibility
- Remote Technology / Monitoring
- Consumer Tracking
- Smart Home /Wearables/Devices
- Agriculture,healthcare, digital signage

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1800-1900 MHz, 3 dBi, Stamped Metal DECT 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: [1800-1900 MHz, 3 dBi, Stamped Metal DECT Embedded Antenna FMSMA1009](#)

URL: <https://www.fairviewmicrowave.com/3-stamped-metal-antenna-1800-1900-mhz-4694r-br-connector-fmsma1009-p.aspx>

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