

2400-2500 / 4900-5825 MHz, 3.5/5 dBi, Stamped Metal AP/Router Embedded Antenna-50 Pack

Fairview Microwave's FMSMA1001-50PK is a linear polarized antenna that ships same day from our ISO 9001:2015 certified facility. The FMSMA1001-50PK is a dual band antenna operating from 2400 to 2500 MHz with 3.5 dBi gain and 4900 to 5825 MHz with 5 dBi gain. This 50-pack stamped metal antenna has a nominal gain of 5 dBi.

Fairview Microwave's stamped metal antenna with a 2400 to 5825 MHz frequency range has a maximum input VSWR of 2. The FMSMA1001-50PK antenna has an overall length of 2.16 inches and a width of 0.7 inches. This 50-pack 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 FMSMA1001-50PK antenna 24 hours a day with same-day shipping and no MOQs (minimum order quantities).

Configuration

Design	Stamped Metal
Gain	3.5 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	3.5		5	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	4.9-5.825				GHz
Gain	3.5	5				dBi

Mechanical Specifications

Size	
Length	2.16 in [54.86 mm]
Width	0.7 in [17.78 mm]
Height	0.01 in [0.25 mm]

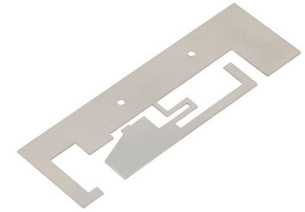
Environmental Specifications

Temperature	
Operating Range	-20 to +65 deg C

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

Plotted and Other Data

Notes:


Features:

- 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
- 50-pack 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 embedded applications
- Remote Technology /Monitoring
- ConsumerTracking
- Smart Home / Wearables /Devices
- Agriculture, healthcare, digital signage

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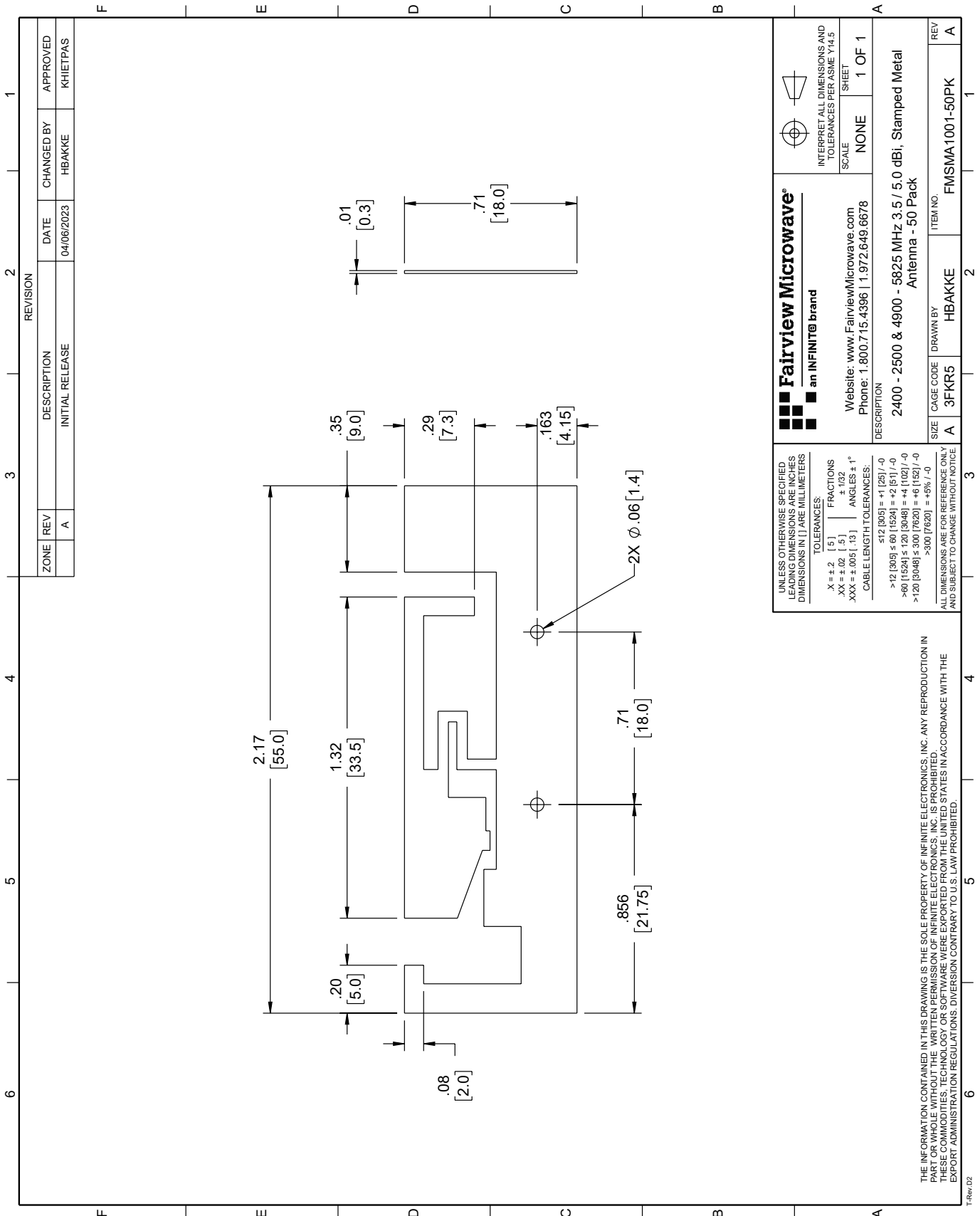
2400-2500 / 4900-5825 MHz, 3.5/5 dBi, Stamped Metal AP/Router Embedded Antenna-50 Pack from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [2400-2500 / 4900-5825 MHz, 3.5/5 dBi, Stamped Metal AP/Router Embedded Antenna-50 Pack FMSMA1001-50PK](#)

URL: <https://www.fairviewmicrowave.com/dualband-stamped-metal-antenna-2400-5825-mhz-4694r-br-connector-fmsma1001-50pk-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.





ZONE		REVISION	
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	04/06/2023	KHIETPAS
		CHANGED BY	
		HBAKKE	

<p>Fairview Microwave an INFINIT[®] brand</p> <p>Website: www.FairviewMicrowave.com Phone: 1.800.715.4396 1.972.649.6678</p>		<p>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</p> <p>SCALE: NONE</p> <p>SHEET: 1 OF 1</p>
<p>DESCRIPTION: 2400 - 2500 & 4900 - 5825 MHz 3.5 / 5.0 dBi, Stamped Metal Antenna - 50 Pack</p>		
SIZE	CAGE CODE	ITEM NO.
A	3FKR5	FMSMA1001-50PK
	DRAWN BY	REV
	HBAKKE	A

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE INCHES. DIMENSIONS IN [] ARE MILLIMETERS.

TOLERANCES:

.X = ±.2 [5] | FRACTIONS ±.132 | ANGLES ± 1°

.XX = ±.02 [.5] | .XXX = ±.005 [.13]

CABLE LENGTH TOLERANCES:

≤12 [305] = +1 [25] / -0

>12 [305] ≤ 60 [1524] = +2 [51] / -0

>60 [1524] ≤ 120 [3048] = +4 [102] / -0

>120 [3048] ≤ 300 [7620] = +6 [152] / -0

>300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.

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