

0 to 50 dB Step Attenuator With a 1 dB Step SMA  
Female Connectors Rated Up To 2.7 GHz and  
Up to 2 Watts in a Dial Design



## FMAT4003

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		2.7	GHz
Impedance		50		Ohms
Insertion Loss			1.5	dB
Attenuation Value		0 to 50		dB
Step Size		1		dB
Step Type		Dial		
Accuracy Statement		+ / - .2 dB or 3 % whichever is greater		
Input Power (CW)			2	Watts
Input Power, Peak			1	kWatts
VSWR			2:1	

### Mechanical Specifications

#### Size

Length	7.85 in [199.39 mm]
Width	2.9 in [73.66 mm]
Height	2.65 in [67.31 mm]
Weight	0.5842 lbs [264.99 g]

### Connectors

Description	Connector 1	Connector 2
Type	SMA Female	SMA Female

### Environmental Specifications

#### Temperature

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

### Plotted and Other Data

Notes:

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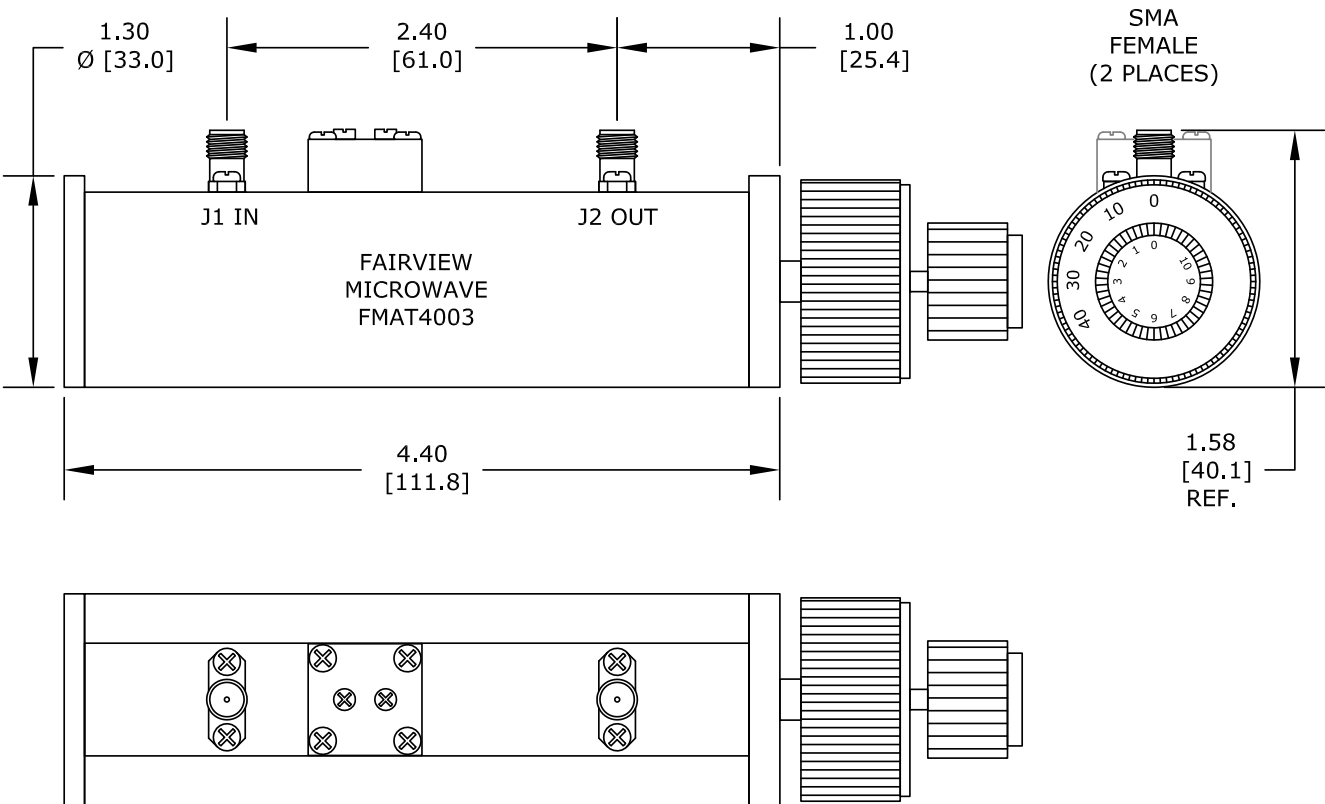
0 to 50 dB Step Attenuator With a 1 dB Step SMA Female Connectors Rated Up To 2.7 GHz and Up to 2 Watts in a Dial Design from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [0 to 50 dB Step Attenuator With a 1 dB Step SMA Female Connectors Rated Up To 2.7 GHz and Up to 2 Watts in a Dial Design FMAT4003](https://www.fairviewmicrowave.com/50db-step-attenuator-1db-sma-female-dc-2.7-ghz-2-watts-fmat4003-p.aspx)

URL: <https://www.fairviewmicrowave.com/50db-step-attenuator-1db-sma-female-dc-2.7-ghz-2-watts-fmat4003-p.aspx>

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**FMAT4003 CAD Drawing**  
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<b>FAIRVIEW MICROWAVE INC.</b> ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].				
TITLE	DWG NO FMAT4003			CAGE CODE 3FKR5		
	CAD FILE 071615	SHEET		SCALE N/A	SIZE A	2233