

0 to 30 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



FMAT4002

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 30		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	7.35 in [186.69 mm]
Width	2.85 in [72.39 mm]
Height	2.5 in [63.5 mm]
Weight	0.5752 lbs [260.91 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 30 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 30 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 FMAT4002](https://www.fairviewmicrowave.com/30db-step-attenuator-1db-sma-female-dc-2.7-ghz-2-watts-fmat4002-p.aspx)

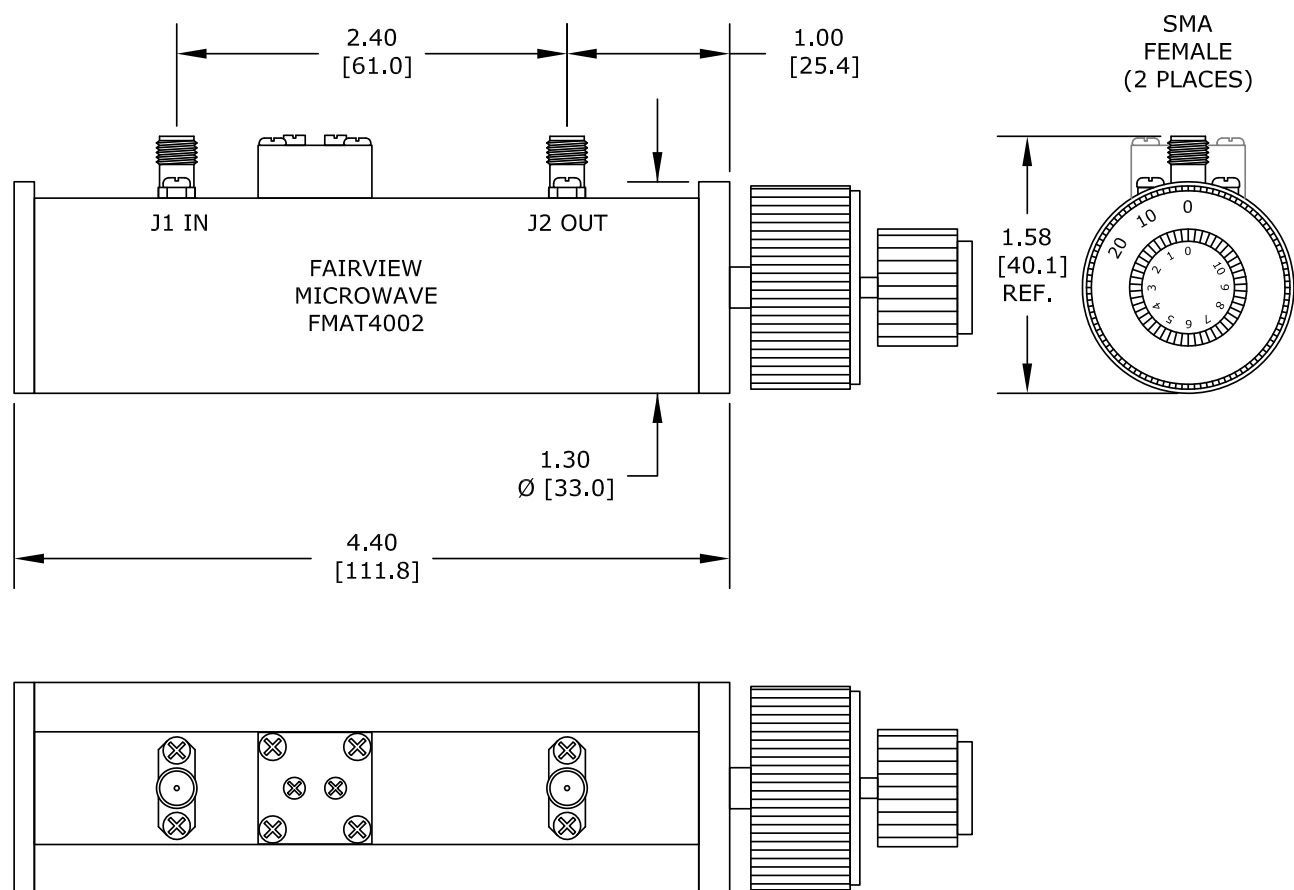
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FMAT4002 CAD Drawing

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FAIRVIEW MICROWAVE INC. 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		CAGE CODE			
	FMAT4002		3FKR5			
	CAD FILE	040815	SHEET	SCALE	N/A	SIZE A 2233