

0 to 31 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

FMAT4004



Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		2.7	GHz
Impedance		50		Ohms
Insertion Loss			0.65	dB
Attenuation Value		0 to 31		dB
Step Size		1		dB
Step Type		Dial		
Accuracy Statement		1.00		
Input Power (CW)			2	Watts
VSWR			1.35:1	

Mechanical Specifications

Size	
Length	2.13 in [54.1 mm]
Width	1.28 in [32.51 mm]
Height	2.09 in [53.09 mm]
Weight	0.1475 lbs [66.9 g]
Body Material and Plating	Aluminum, Nickel

Connectors

Description	Connector 1	Connector 2
Type	SMA Female	SMA Female
Body Material and Plating	Brass	Brass

Environmental Specifications

Temperature	
Operating Range	-40 to 85 deg C

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

Plotted and Other Data

Notes:

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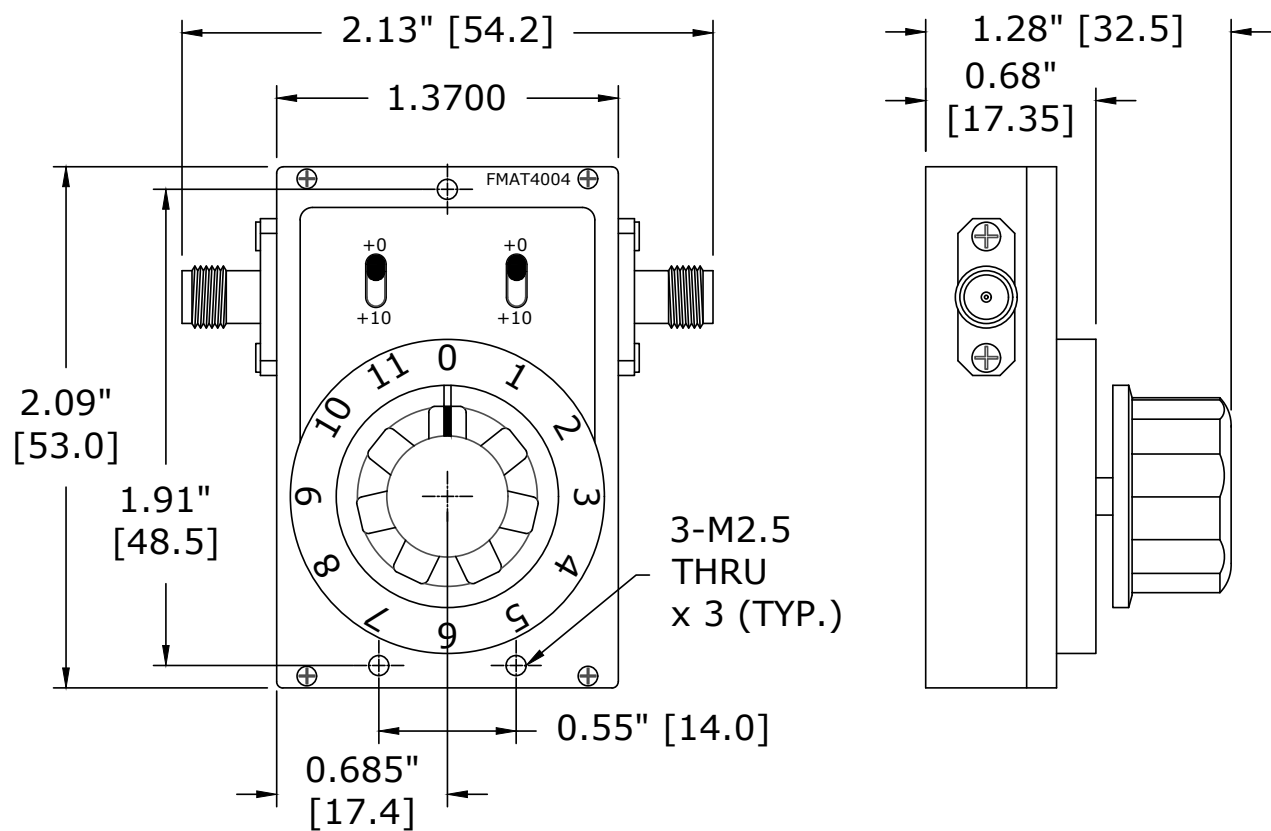
0 to 31 dB Step Attenuator With a 1 dB Step SMA Female Connectors Rated Up To 2.7 GHz and Up to 2 Watts in a Dial Design from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [0 to 31 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 FMAT4004](https://www.fairviewmicrowave.com/31db-step-attenuator-1db-sma-female-dc-2.7-ghz-2-watts-fmat4004-p.aspx)

URL: <https://www.fairviewmicrowave.com/31db-step-attenuator-1db-sma-female-dc-2.7-ghz-2-watts-fmat4004-p.aspx>

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**FMAT4004 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		CAGE CODE		
	FMAT4004		3FKR5		
	CAD FILE	011415	SHEET	SCALE	N/A
				SIZE	A
					5568