

0 to 40 dB Step Attenuator With a 10 dB Step
SMA Female Connectors Rated Up To 4 GHz and
Up to 2 Watts in a Switch Design



SA4010SMA

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		4	GHz
Impedance		50		Ohms
Insertion Loss			1.8	dB
Attenuation Value		0 to 40		dB
Step Size		10		dB
Step Type		Switch		
Input Power (CW)			2	Watts
VSWR			1.2:1	

Mechanical Specifications

Size

Length	1.83 in [46.48 mm]
Width	0.905 in [22.99 mm]
Height	0.44 in [11.18 mm]
Weight	0.0565 lbs [25.63 g]

Connectors

Description	Connector 1	Connector 2
Type	SMA Female	SMA Female

Environmental Specifications

Temperature

Operating Range	-40 to 85 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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0 to 40 dB Step Attenuator With a 10 dB Step SMA Female Connectors Rated Up To 4 GHz and Up to 2 Watts in a Switch 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.

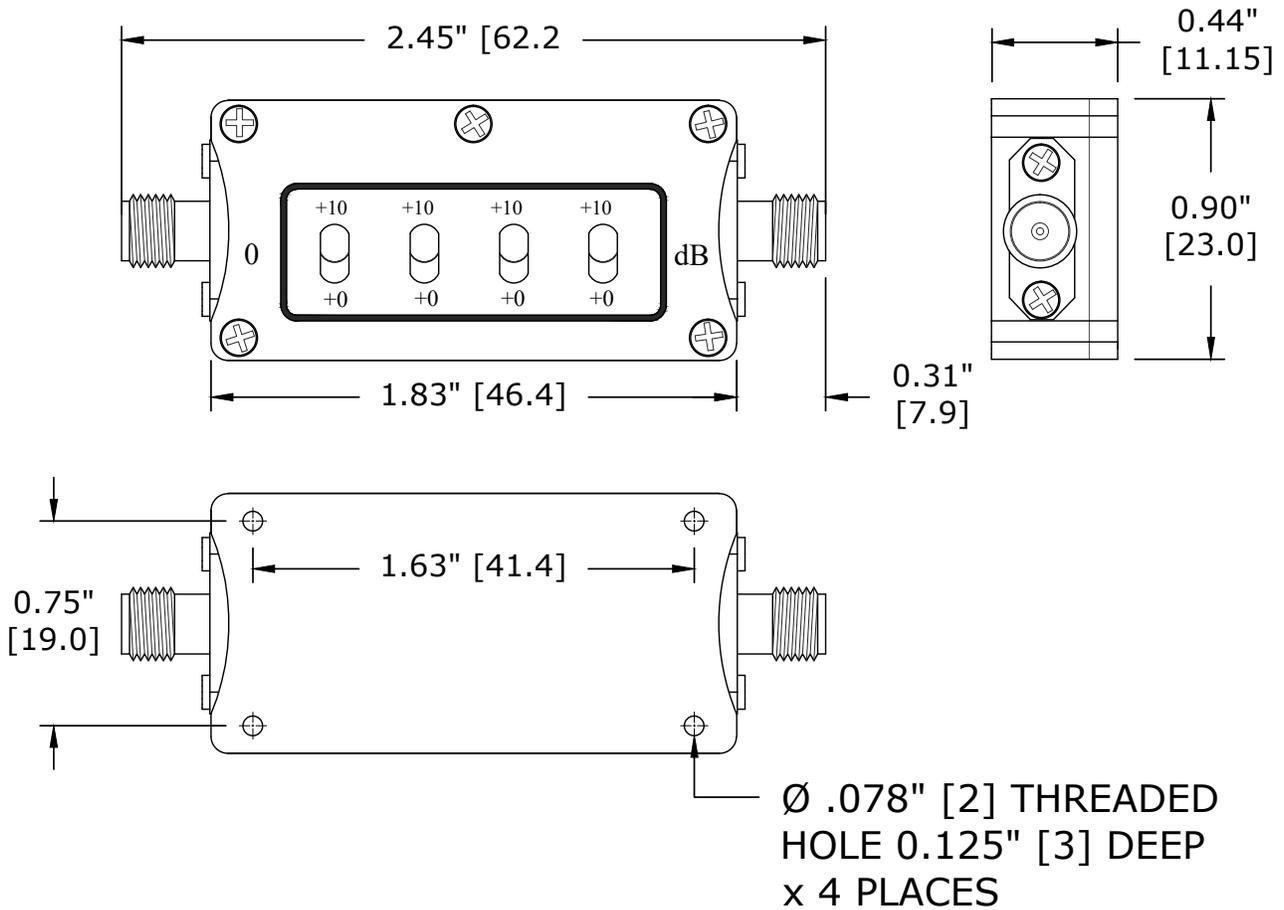
For additional information on this product, please click the following link: [0 to 40 dB Step Attenuator With a 10 dB Step SMA Female Connectors Rated Up To 4 GHz and Up to 2 Watts in a Switch Design SA4010SMA](https://www.fairviewmicrowave.com/40db-step-attenuator-10db-sma-female-dc-4-ghz-2-watts-sa4010sma-p.aspx)

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The information contained within 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 liability arising out of the use of any part or document.

SA4010SMA 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	SA4010SMA		CAGE CODE	
				3FKR5	
	CAD FILE	011415	SHEET	SCALE	N/A
				SIZE	A
					5568