

0 to 20 dB Continuously Variable Attenuator
SMA Female To SMA Female From 8 GHz To
12.4 GHz Rated To 5 Watts in a Dial Design



SA4082

Configuration

Design	Continuously Variable, Bidirectional Attenuator
Body Material and Plating	Aluminum

Electrical Specifications Values at 25°C, sea level

Description	Minimum	Typical	Maximum	Units
Frequency Range	8		12.4	GHz
Impedance		50		Ohms
Attenuation Value		0 to 20		dB
Step Size		0		dB
Step Type		Dial		
Input Power (CW)			5	Watts
Insertion Loss			0.8	dB
VSWR			1.7:1	

Mechanical Specifications

Temperature

Size

Length	3.25 in [82.55 mm]
Width	1.75 in [44.45 mm]
Height	1 in [25.4 mm]
Weight	0.15873 lbs [72 g]

Connectors

Description	Connector 1	Connector 2
Type	SMA Female	SMA Female
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Body Material and Plating	Stainless Steel	Stainless Steel

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

Plotted and Other Data

Notes:

- Values at 25 °C, sea level

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0 to 20 dB Continuously Variable Attenuator SMA Female To SMA Female From 8 GHz To 12.4 GHz Rated To 5 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 20 dB Continuously Variable Attenuator SMA Female To SMA Female From 8 GHz To 12.4 GHz Rated To 5 Watts in a Dial Design SA4082](https://www.fairviewmicrowave.com/20db-continuously-variable-attenuator-sma-female-sma-female-5-watts-sa4082-p.aspx)

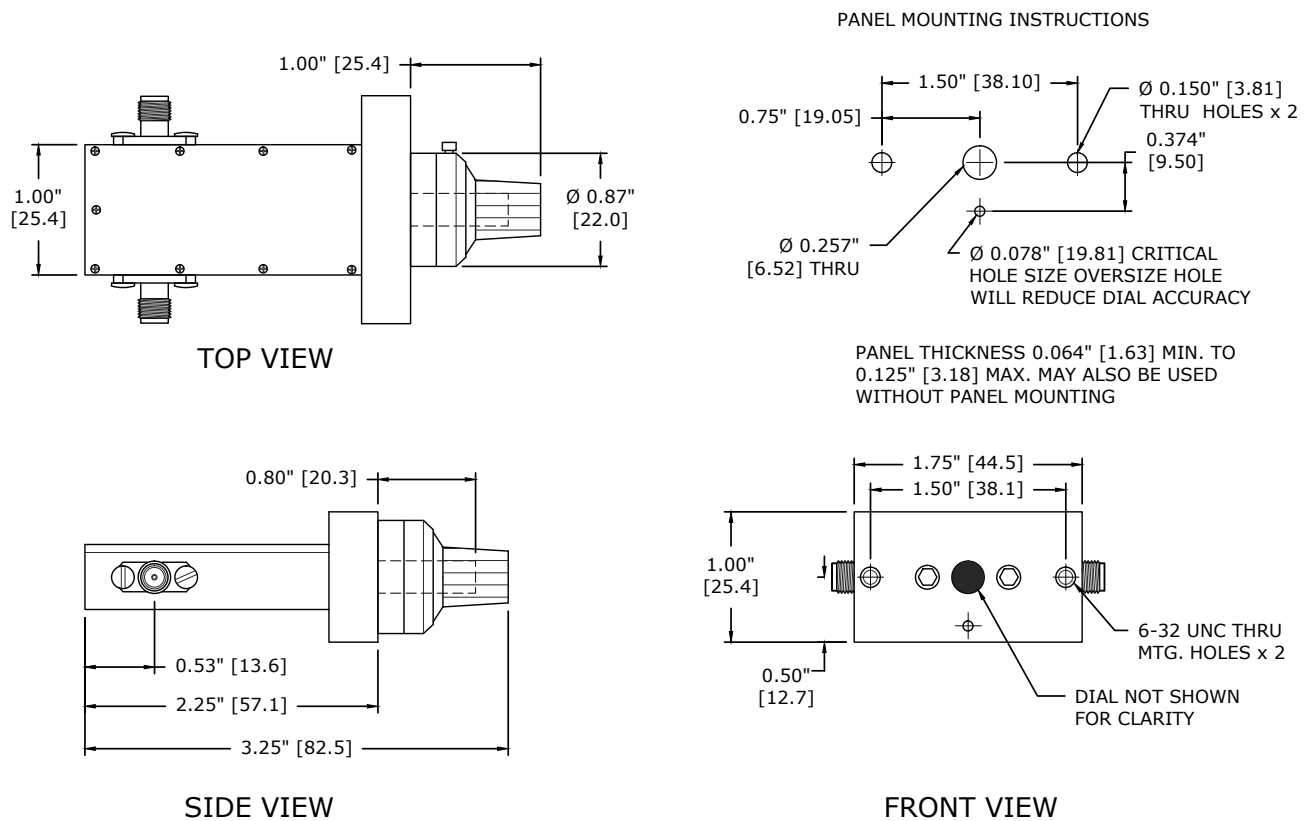
URL: <https://www.fairviewmicrowave.com/20db-continuously-variable-attenuator-sma-female-sma-female-5-watts-sa4082-p.aspx>

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SA4082 CAD Drawing

0 to 20 dB Continuously Variable Attenuator SMA Female To SMA Female

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FAIRVIEW MICROWAVE INC.		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].			
ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		DWG NO		CAGE CODE	
TITLE		SA4082		3FKR5	
		CAD FILE	SHEET	SCALE	SIZE
		020615		N/A	A
					5568