

**0 to 40 dB Continuously Variable Attenuator SMA  
 Female To SMA Female From 8 GHz To 12.4 GHz  
 Rated To 5 Watts in a Dial Design**

**Electrical Specifications\***

Description	Min	Typ	Max	Units
Frequency Range	8		12.4	GHz
Impedance		50		Ohms
Attenuation Value		0 to 40		dB
Step Type		Dial		
Input Power			5	Watts
VSWR			1.7:1	

\* Values at 25°C, sea level

**Mechanical Specifications**

**Size**

Length	3.25 in [82.55 mm]
Width	1.75 in [44.45 mm]
Height	1 in [25.4 mm]
Weight	0.16623 lbs [75.4 g]

**Connectors**

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

**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

RoHS Compliant	Yes
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**Plotted and Other Data**

Notes:

- Values at 25 °C, sea level

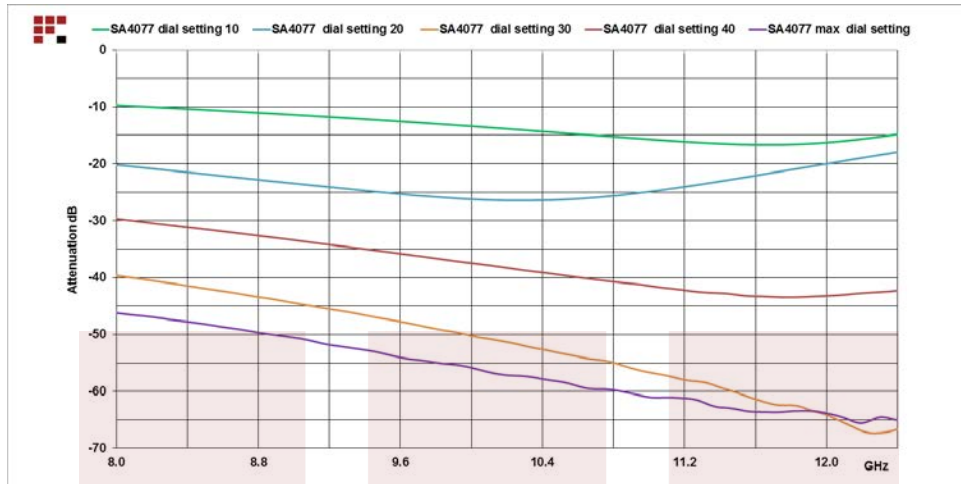


**Features:**

- Design: Continuously Variable, Bidirectional Attenuator
- Connector 1: SMA Female
- Connector 2: SMA Female
- Body Material and Plating: Aluminum

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**Typical Performance Data**

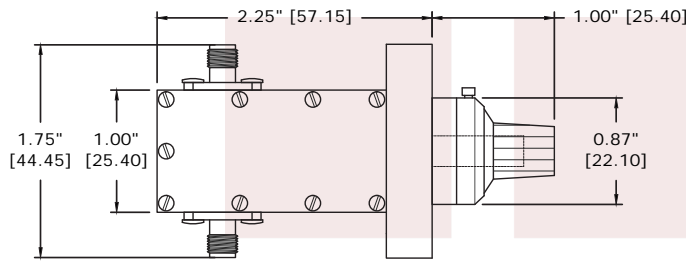


0 to 40 dB Continuously Variable Attenuator SMA Female To SMA Female From 8 GHz To 12.4 GHz Rated To 5 Watts in a Dial Design from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

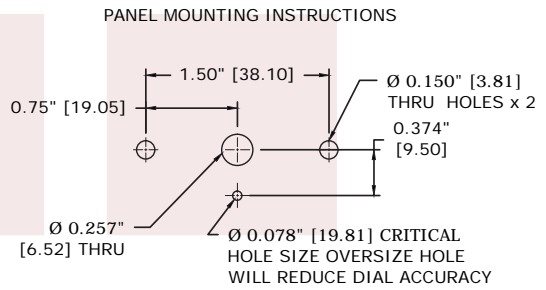
For additional information on this product, please click the following link: [0 to 40 dB Continuously Variable Attenuator SMA Female To SMA Female From 8 GHz To 12.4 GHz Rated To 5 Watts in a Dial Design SA4077](http://www.fairviewmicrowave.com/40db-continuously-variable-attenuator-sma-female-sma-female-5-watts-sa4077-p.aspx)

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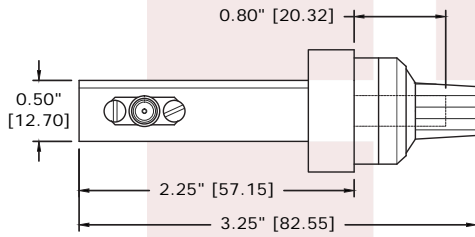
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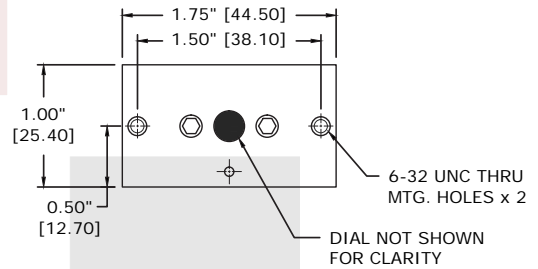
TOP VIEW



PANEL THICKNESS 0.064" [1.63] MIN. TO 0.125" [3.18] MAX. MAY ALSO BE USED WITHOUT PANEL MOUNTING



SIDE VIEW



FRONT VIEW

**FAIRVIEW MICROWAVE INC.**

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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].

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DWG NO	SA4077		CAGE CODE		
			3FKR5		
CAD FILE	020615	SHEET	SCALE	N/A	SIZE A
					5568