

**0 to 35 dB Step Attenuator With a 1 dB Step SMA Female Connectors Rated Up To 4 GHz and Up to 2 Watts in a Switch Design**

**Electrical Specifications\***

Description	Min	Typ	Max	Units
Frequency Range	DC		4	GHz
Impedance		50		Ohms
Attenuation Value		0 to 35		dB
Step Size		1		dB
Step Type		Switch		
Input Power			2	Watts
VSWR			1.45:1	

\* Values at 25°C, sea level

**Mechanical Specifications**

**Temperature**

Operating Range -40 to +85 deg C

**Size**

Length 2.71 in [68.83 mm]  
 Width 0.9 in [22.86 mm]  
 Height 0.4444 in [11.29 mm]  
 Weight 0.08333 lbs [37.8 g]

**Connectors**

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

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

RoHS Compliant Yes

**Plotted and Other Data**

Notes:

- Values at 25 °C, sea level

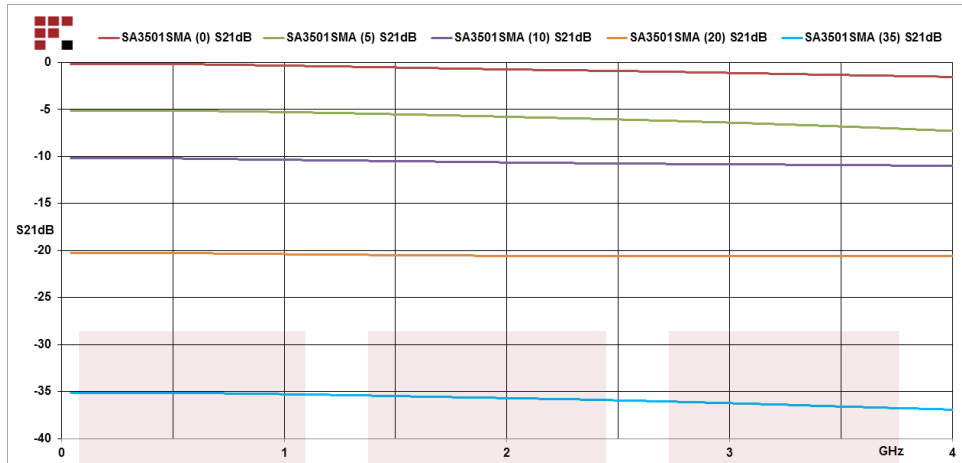


**Features:**

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

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**Typical Performance Data**

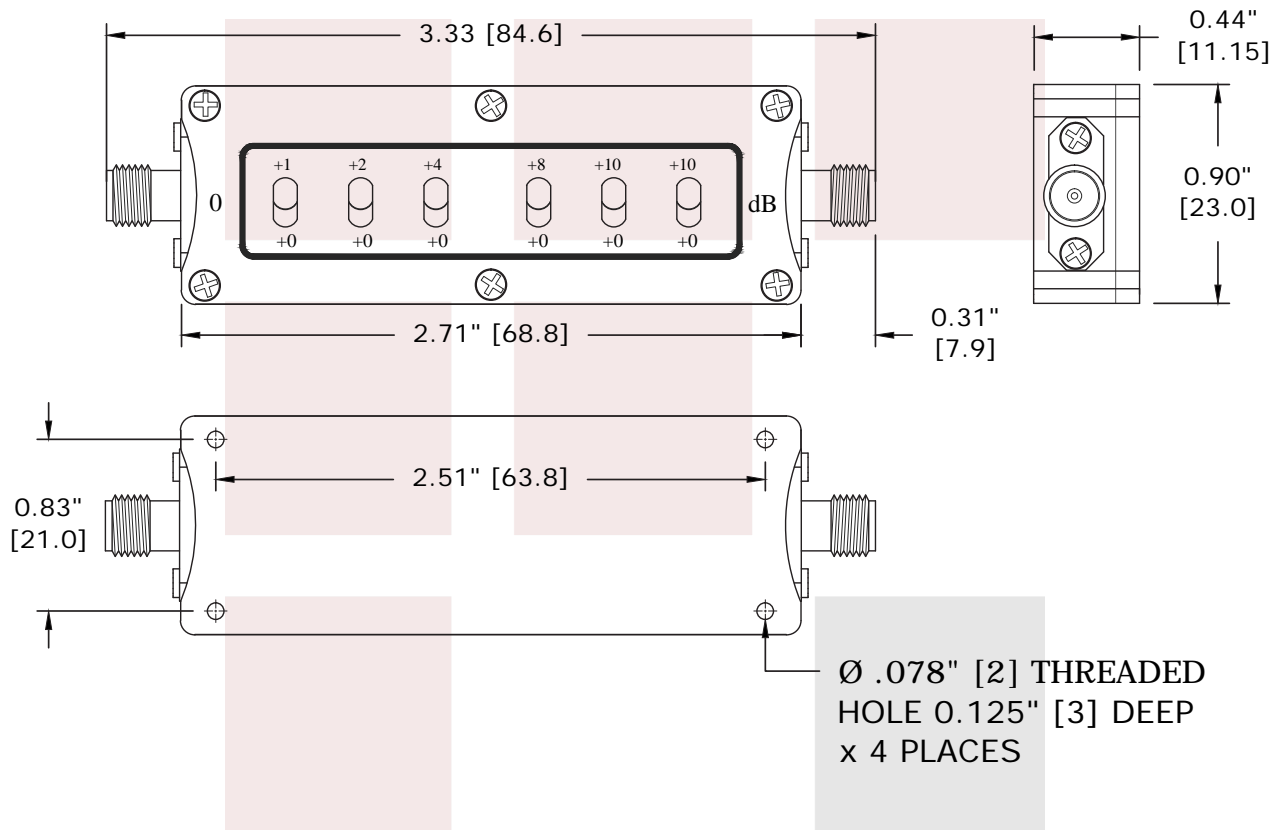


0 to 35 dB Step Attenuator With a 1 dB Step SMA Female Connectors Rated Up To 4 GHz and Up to 2 Watts in a Switch Design from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [0 to 35 dB Step Attenuator With a 1 dB Step SMA Female Connectors Rated Up To 4 GHz and Up to 2 Watts in a Switch Design SA3501SMA](#)

URL: <http://www.fairviewmicrowave.com/35db-step-attenuator-1db-sma-female-dc-4-ghz-2-watts-sa3501sma-p.aspx>

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TITLE 0 to 35 dB Step Attenuator With a 1 dB Step SMA Female Connectors Rated Up To 4 GHz and Up to 2 Watts in a Switch Design		DWG NO <b>SA3501SMA</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	011415	SHEET	SCALE	N/A	SIZE A 5568