

5 to 95 dB Continuously Variable Attenuator  
SMA Female to SMA Female Right Angle Up to  
2 GHz Rated to 5 Watts in a Dial Design



## SA2090

### Configuration

Design

Continuously Variable, Bidirectional Attenuator

### Electrical Specifications Values at 25°C, sea level

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		2	GHz
Impedance		50		Ohms
Attenuation Value		5 to 95		dB
Step Type		Dial		
Input Power (CW)			5	Watts
Peak Power			500	Watts
Insertion Loss		5		dB
VSWR			1.6:1	

### Mechanical Specifications

#### Temperature

Operating Range

0 to +85 deg C

#### Size

Length

4.52 in [114.81 mm]

Width

2.06 in [52.32 mm]

Height

4 in [101.6 mm]

Weight

0.0172 lbs [7.8 g]

### Connectors

Description	Connector 1	Connector 2
Type	SMA Female	SMA Female

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

### Plotted and Other Data

Notes:

- Values at 25 °C, sea level

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5 to 95 dB Continuously Variable Attenuator SMA Female to SMA Female Right Angle Up to 2 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: [5 to 95 dB Continuously Variable Attenuator SMA Female to SMA Female Right Angle Up to 2 GHz Rated to 5 Watts in a Dial Design SA2090](https://www.fairviewmicrowave.com/90db-continuous-attenuator-sma-female-sma-female-0-watts-sa2090-p.aspx)

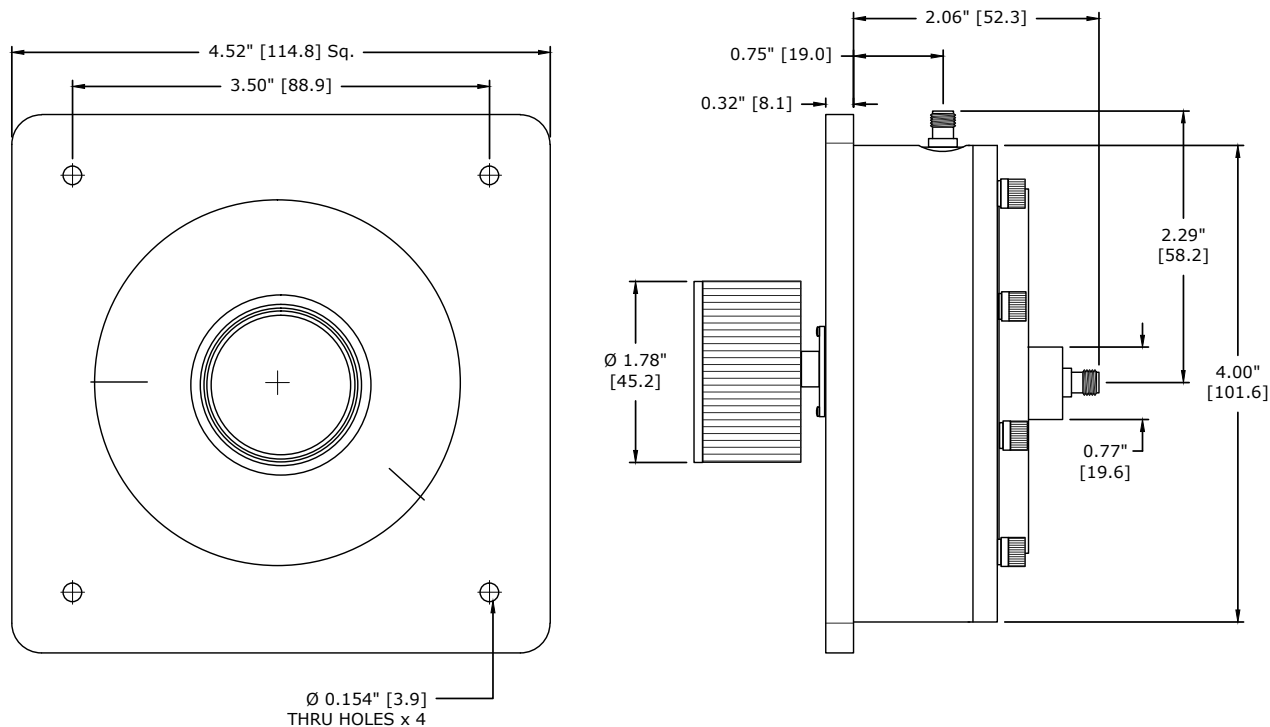
URL: <https://www.fairviewmicrowave.com/90db-continuous-attenuator-sma-female-sma-female-0-watts-sa2090-p.aspx>

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SA2090 CAD Drawing

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TITLE	DWG NO	SA2090		CAGE CODE	
	CAD FILE	020615	SHEET	SCALE	N/A
				SIZE	A
					5568