

5 to 95 dB Continuously Variable Attenuator SMA Female to SMA Female Right Angle Up to 4 GHz Rated to 5 Watts in a Dial Design

SA409D SA40P SA40

SA4090

Configuration

Design

Continuously Variable, Bidirectional Attenuator

Electrical Specifications Values at 25°C, sea level

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		4	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			1.8:1	

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 1	1 to 2	2 to 3	3 to 4		GHz
VSWR	1.5:1	1.6:1	1.7:1	1.8:1		

Mechanical Specifications

Temperature

Operating Range 0 to +85 deg C Storage Range +125 to -55 deg C

Size

 Length
 2.38 in [60.45 mm]

 Width
 4.52 in [114.81 mm]

 Height
 4.52 in [114.81 mm]

 Weight
 2.6175 lbs [1.19 kg]

Connectors

Description	Connector 1	Connector 2
Туре	SMA Female	SMA Female
Connector Specification	MIL-STD-348	MIL-STD-348

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Values at 25 °C, sea level





5 to 95 dB Continuously Variable Attenuator SMA Female to SMA Female Right Angle Up to 4 GHz Rated to 5 Watts in a Dial Design

SA4090

5 to 95 dB Continuously Variable Attenuator SMA Female to SMA Female Right Angle Up to 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: 5 to 95 dB Continuously Variable Attenuator SMA Female to SMA Female Right Angle Up to 4 GHz Rated to 5 Watts in a Dial Design SA4090

URL: https://www.fairviewmicrowave.com/90db-continuous-attenuator-sma-female-sma-female-5-watts-sa4090-p.aspx

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 impliment 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.

SA4090 CAD Drawing

5 to 95 dB Continuously Variable Attenuator SMA Female to SMA Female Right Angle Up to 4 GHz Rated to 5 Watts in a Dial Design

