

0.75 to 10 dB Step Attenuator With a 1 dB Step
SMA Female Connectors Rated Up To 3 GHz and
Up to 2 Watts in a Dial Design



SA3510 SMA

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
Impedance		50		Ohms
Insertion Loss			0.75	dB
Attenuation Value		0.75 to 10		dB
Step Size		1		dB
Step Type		Dial		
Input Power (CW)			2	Watts
Input Power, Peak			1	kWatts
VSWR			1.5:1	

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 1	1 to 2	2 to 3			GHz
Insertion Loss	0.25	0.5	0.75			dB
VSWR	1.25:1	1.35:1	1.5:1			
Attenuation Accuracy	0.25	0.35	0.5			dB

Mechanical Specifications

Size

Length	3.02 in [76.71 mm]
Width	1.47 in [37.34 mm]
Height	0 in [0 mm]
Weight	0.5505 lbs [249.7 g]

Connectors

Description	Connector 1	Connector 2
Type	SMA Female	SMA Female

Environmental Specifications

Temperature

Operating Range	-55 to 100 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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0.75 to 10 dB Step Attenuator With a 1 dB Step SMA Female Connectors Rated Up To 3 GHz and Up to 2 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: [0.75 to 10 dB Step Attenuator With a 1 dB Step SMA Female Connectors Rated Up To 3 GHz and Up to 2 Watts in a Dial Design SA3510 SMA](https://www.fairviewmicrowave.com/10db-step-attenuator-1db-sma-female-dc-3-ghz-2-watts-sa3510-sma-p.aspx)

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