

**8 dB Fixed Attenuator SMA Male To SMA Female Up To 18 GHz Rated To 2 Watts With Stainless Steel Passivated Body**

**Electrical Specifications\***

Description	Min	Typ	Max	Units
Frequency Range	DC		18	GHz
Impedance		50		Ohms
Attenuation Value		8		dB
Attenuation Accuracy		1		dB
Input Power			2	Watts
Peak Power			500	Watts
VSWR			1.35:1	

\* Values at 25°C, sea level

**Mechanical Specifications**

**Temperature**

Operating Range -54 to +125 deg C

**Size**

Length 0.86 in [21.84 mm]

Width 0.315 in [8 mm]

Weight 0.01058 lbs [4.8 g]

**Connectors**

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

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

RoHS Compliant Yes  
 REACH Compliant Yes

**Plotted and Other Data**

Notes:

- Values at 25 °C, sea level

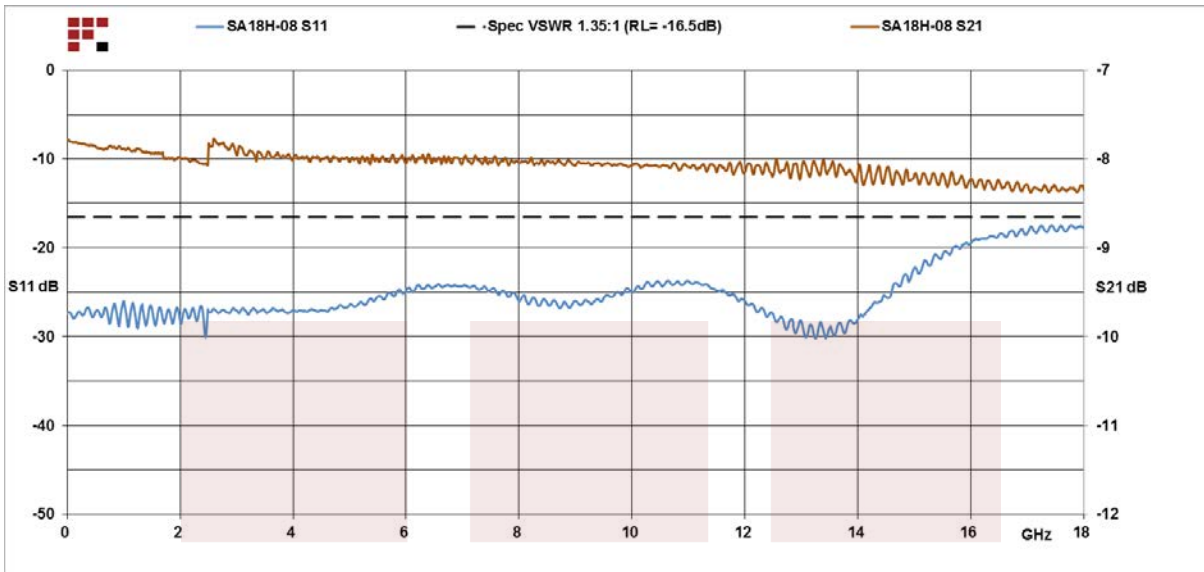


**Features:**

- Design: Fixed Attenuator
- Connector 1: SMA Male
- Connector 2: SMA Female
- Body Material and Plating: Stainless Steel, Passivated

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Typical Performance Data

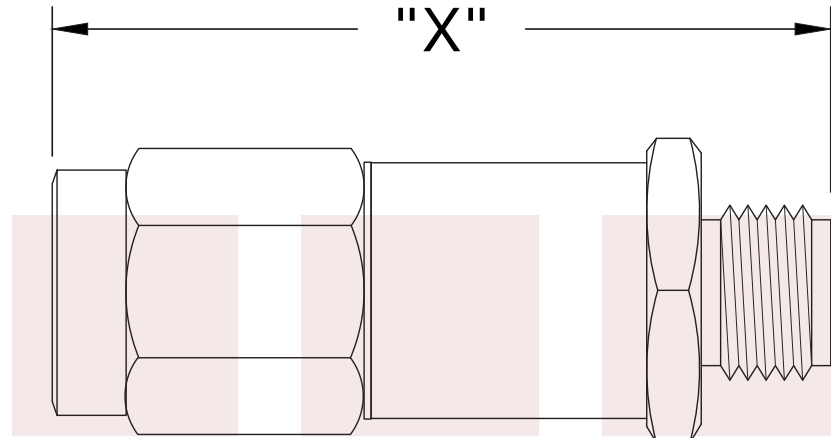


8 dB Fixed Attenuator SMA Male To SMA Female Up To 18 GHz Rated To 2 Watts With Stainless Steel Passivated Body from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [8 dB Fixed Attenuator SMA Male To SMA Female Up To 18 GHz Rated To 2 Watts With Stainless Steel Passivated Body SA18H-08](http://www.fairviewmicrowave.com/8db-fixed-attenuator-sma-male-sma-female-2-watts-sa18h-08-p.aspx)

URL: <http://www.fairviewmicrowave.com/8db-fixed-attenuator-sma-male-sma-female-2-watts-sa18h-08-p.aspx>

The information contained in 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 implement 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 any liability arising out of the use of any part or documentation.



0.315" [8.0] HEX

DIMENSION FOR "X"

Db Value	Length
0-12 dB	.860" [21.8]
13-30 dB	1.02" [25.9]

<b>FAIRVIEW MICROWAVE INC.</b> ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		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].			
TITLE 8 dB Fixed Attenuator SMA Male To SMA Female Up To 18 GHz Rated To 2 Watts With Stainless Steel Passivated Body		DWG NO SA18H-XX		CAGE CODE 3FKR5	
		CAD FILE 011415	SHEET	SCALE N/A	SIZE A 5568