

6 dB Fixed Attenuator 7/16 Male To 7/16 Female
Up To 8 GHz Rated To 5 Watts With Black Aluminum
Heatsink Body

Electrical Specifications*

Description	Min	Typ	Max	Units
Frequency Range	DC		8	GHz
Impedance		50		Ohms
Attenuation Value		6		dB
Accuracy Statement		1.0		
Input Power			5	Watts
Peak Power			500	Watts
VSWR			1.4:1	

* Values at 25°C, sea level

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 4	4 to 8				GHz
VSWR	1.25:1	1.4:1				

Mechanical Specifications

Temperature

Operating Range -55 to +125 deg C

Size

Length 2.5 in [63.5 mm]
 Width 1.32 in [33.53 mm]
 Weight 0.35318 lbs [160.2 g]

Connectors

Description	Connector 1	Connector 2
Type	7/16 DIN Male	7/16 DIN Female
Contact Material & Plating	Beryllium Copper, Silver	Beryllium Copper, Silver
Body Material & Plating	Brass, Silver	Brass, Silver

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant Yes

Plotted and Other Data

Notes:

- Values at 25 °C, sea level

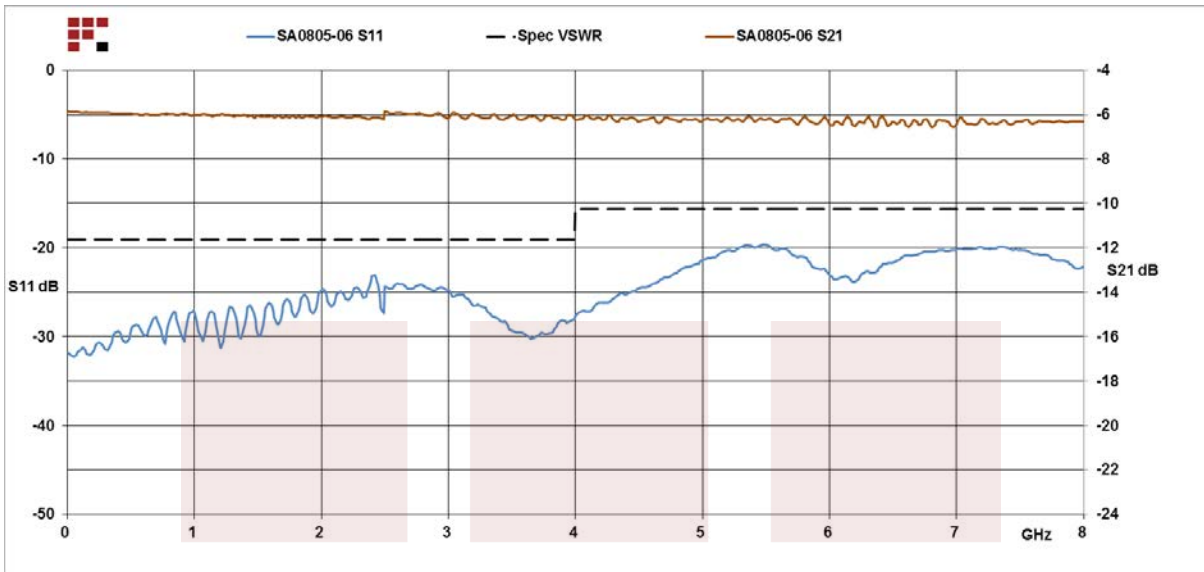


Features:

- Design: Fixed Attenuator
- Connector 1: 7/16 DIN Male
- Connector 2: 7/16 DIN Female
- Body Material and Plating: Black Anodized Aluminum Heatsink

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Typical Performance Data

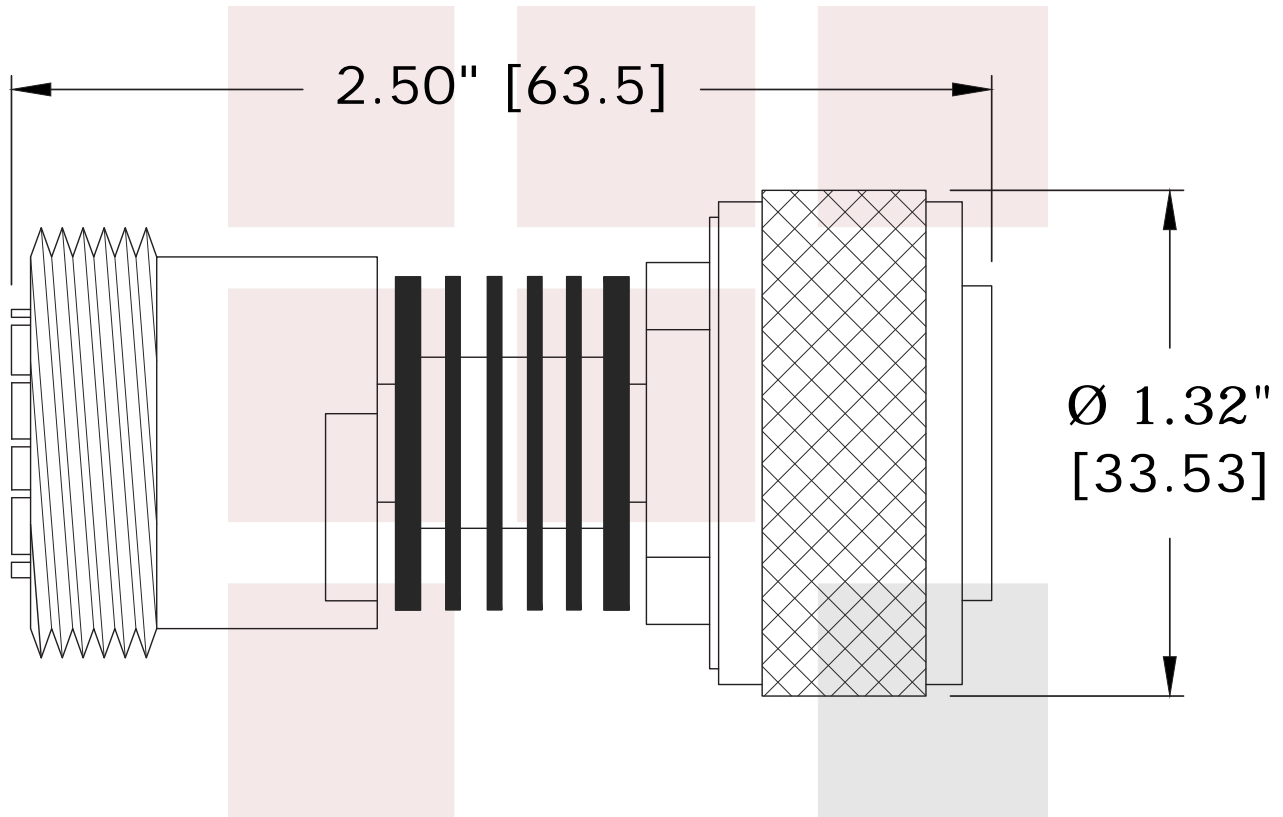


6 dB Fixed Attenuator 7/16 Male To 7/16 Female Up To 8 GHz Rated To 5 Watts With Black Aluminum Heatsink Body from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [6 dB Fixed Attenuator 7/16 Male To 7/16 Female Up To 8 GHz Rated To 5 Watts With Black Aluminum Heatsink Body SA0805-06](http://www.fairviewmicrowave.com/6db-fixed-attenuator-7-16-male-7-16-female-5-watts-sa0805-06-p.aspx)

URL: <http://www.fairviewmicrowave.com/6db-fixed-attenuator-7-16-male-7-16-female-5-watts-sa0805-06-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.



FAIRVIEW MICROWAVE INC. 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 6 dB Fixed Attenuator 7/16 Male To 7/16 Female Up To 8 GHz Rated To 5 Watts With Black Aluminum Heatsink Body		DWG NO SA0805-06		CAGE CODE 3FKR5	
CAD FILE	011415	SHEET	SCALE	N/A	SIZE A 5568