

**6 dB Fixed Attenuator N Male To N Female Up To 3 GHz Rated To 2 Watts With Brass Tri-Metal Body**

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		3	GHz
Impedance		50		Ohms
Nominal Attenuation		6		dB
Attenuation Accuracy		±0.75		dB
VSWR			1.15:1	
Input Power, CW			2	Watts
Input Power, Peak			250	Watts

**Mechanical Specifications**

<b>Size</b>	
Length	1.75 in [44.45 mm]
Width/Diameter	0.0827 in [2.1 mm]
Weight	0.12831 lbs [58.2 g]
Body Material and Plating	Brass, Tri-Metal

<b>Configuration</b>	
Design	Fixed

**Connectors**

Description	Connector 1	Connector 2
Type	N Male	N Female

**Environmental Specifications**

<b>Temperature</b>	
Operating Range	-55 to +135 deg C

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

REACH Compliant	12/17/2014
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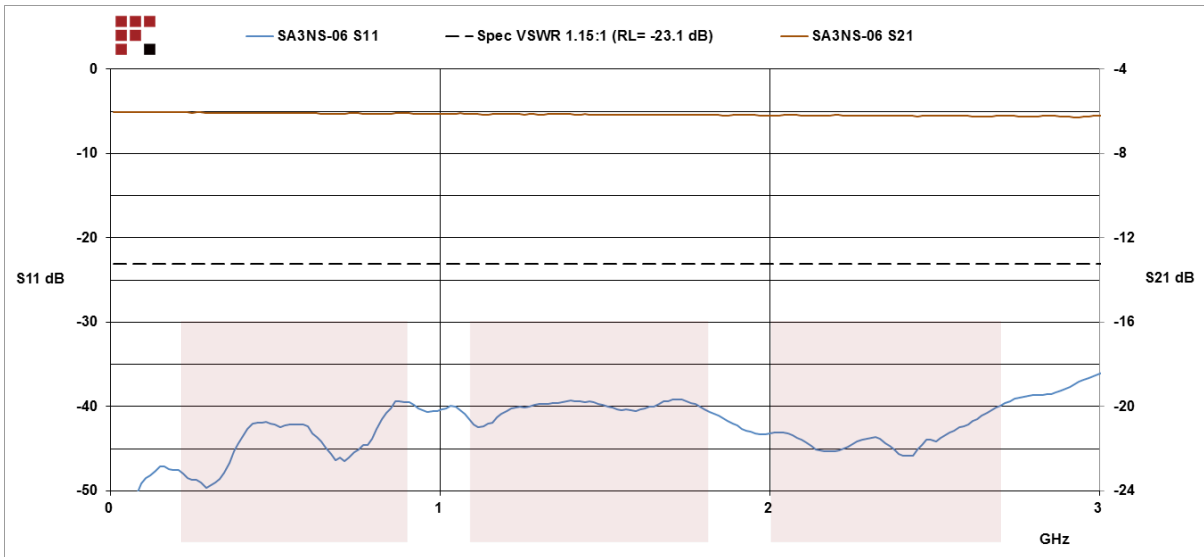
**Plotted and Other Data**

Notes:



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Typical Performance Data

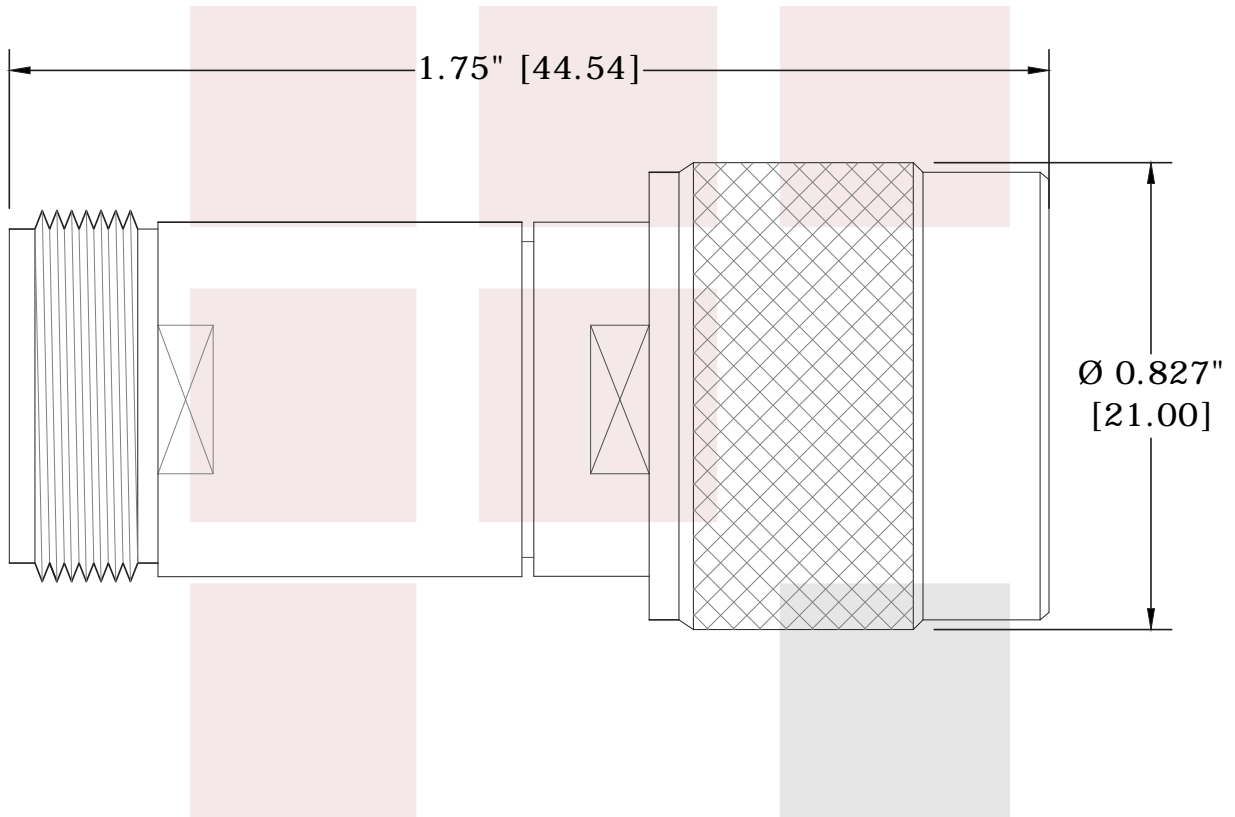


6 dB Fixed Attenuator N Male To N Female Up To 3 GHz Rated To 2 Watts With Brass Tri-Metal Body from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [6 dB Fixed Attenuator N Male To N Female Up To 3 GHz Rated To 2 Watts With Brass Tri-Metal Body SA3NS-06](#)

URL: <http://www.fairviewmicrowave.com/6db-fixed-attenuator-n-male-n-female-2-watts-sa3ns-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.



<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 6 dB Fixed Attenuator N Male To N Female Up To 3 GHz Rated To 2 Watts With Brass Tri-Metal Body		DWG NO <b>SA3NS-06</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	011415	SHEET	SCALE	N/A	SIZE A 5568