

6 dB Fixed Attenuator 75 Ohm N Male To 75 Ohm N Female Up To 3 GHz Rated To 0.25 Watts With Brass Tri-Metal Body

Fairview Microwave carries a broad selection of fixed attenuators with a wide range of attenuation levels, frequency ranges, and power dissipation ranges. Also known as RF pads, RF microwave attenuators lower the amplitude of a signal (or attenuate) a known amount. These attenuator pads can be used in a wide variety of applications including reducing a signal level to protect measurement equipment or other circuitry, extending the range of power meters and amplifiers, and impedance matching circuits by reducing the VSWR seen by adjacent components. RF attenuators can prevent signal overload in amplifiers, receivers and detectors, adjusting the signal level to a range that is optimal.

Few RF components are as commonly used as fixed coaxial attenuators, and Fairview Microwave carries one of the largest in-stock selections and ships them same day. The SA4N75-06 is a 6 dB Fixed Attenuator that operates from DC to 3 GHz and is rated to 0.25 Watt. The versatile coaxial package uses N male to N female connectors and is also REACH and RoHS compliant.



Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		3	GHz
Impedance		75		Ohms
Nominal Attenuation		6		dB
Attenuation Accuracy			±0.5	dB
VSWR			1.3:1	
Input Power, CW			0.25	Watts

Mechanical Specifications

Size	
Length	2.412 in [61.26 mm]
Width/Diameter	0.829 in [21.06 mm]
Weight	0.12875 lbs [58.4 g]
Body Material and Plating	Brass, Tri-Metal

Configuration

Design	Fixed
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Connectors

Description	Connector 1	Connector 2
Type	N Male	N Female

Environmental Specifications

Temperature

Operating Range	-55 to +120 deg C
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Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant	Yes
REACH Compliant	12/17/2015

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Plotted and Other Data

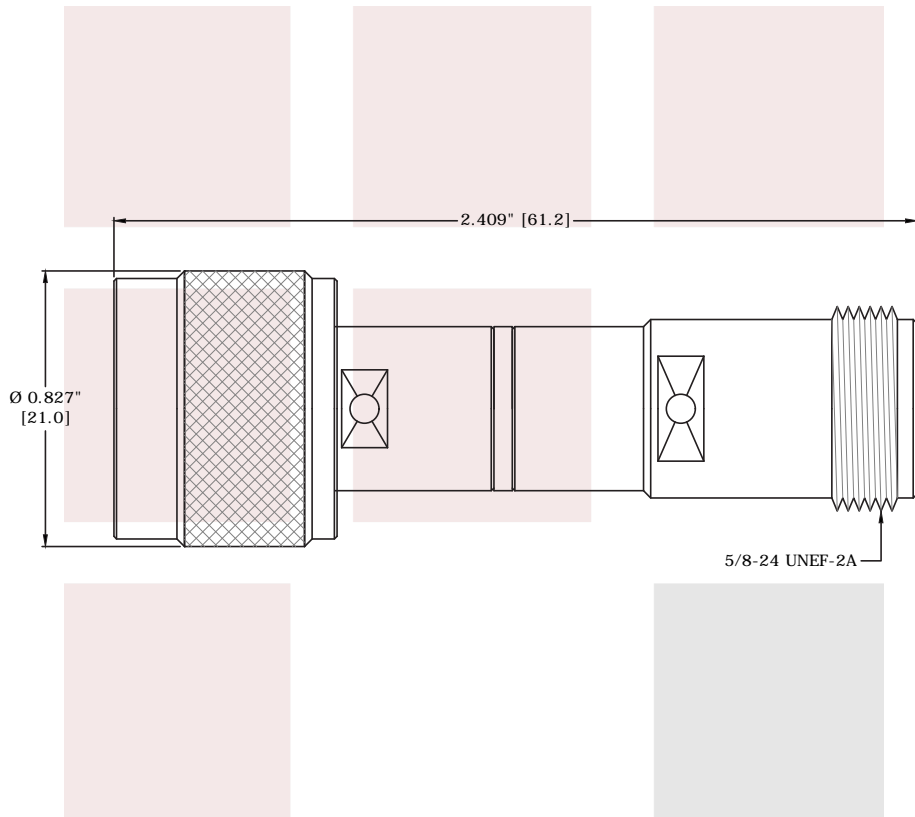
Notes:

6 dB Fixed Attenuator 75 Ohm N Male To 75 Ohm N Female Up To 3 GHz Rated To 0.25 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 75 Ohm N Male To 75 Ohm N Female Up To 3 GHz Rated To 0.25 Watts With Brass Tri-Metal Body SA4N75-06](#)

URL: <http://www.fairviewmicrowave.com/6db-fixed-attenuator-n-male-n-female-2-watts-sa4n75-06-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.



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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
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 Tri-Metal Body

DWG NO	SA4N75-06		CAGE CODE		
			3FKR5		
CAD FILE	032116	SHEET	SCALE	N/A	SIZE A
					5568