

## 1 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 SA4N75-01 is a 1 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		1		dB
Attenuation Accuracy			±0.5	dB
VSWR			1.3:1	
Input Power, CW			0.25	Watts

### Mechanical Specifications

<b>Size</b>	
Length	2.409 in [61.19 mm]
Width/Diameter	0.826 in [20.98 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](http://www.FairviewMicrowave.com) for current document)

RoHS Compliant	Yes
REACH Compliant	12/17/2015

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## Plotted and Other Data

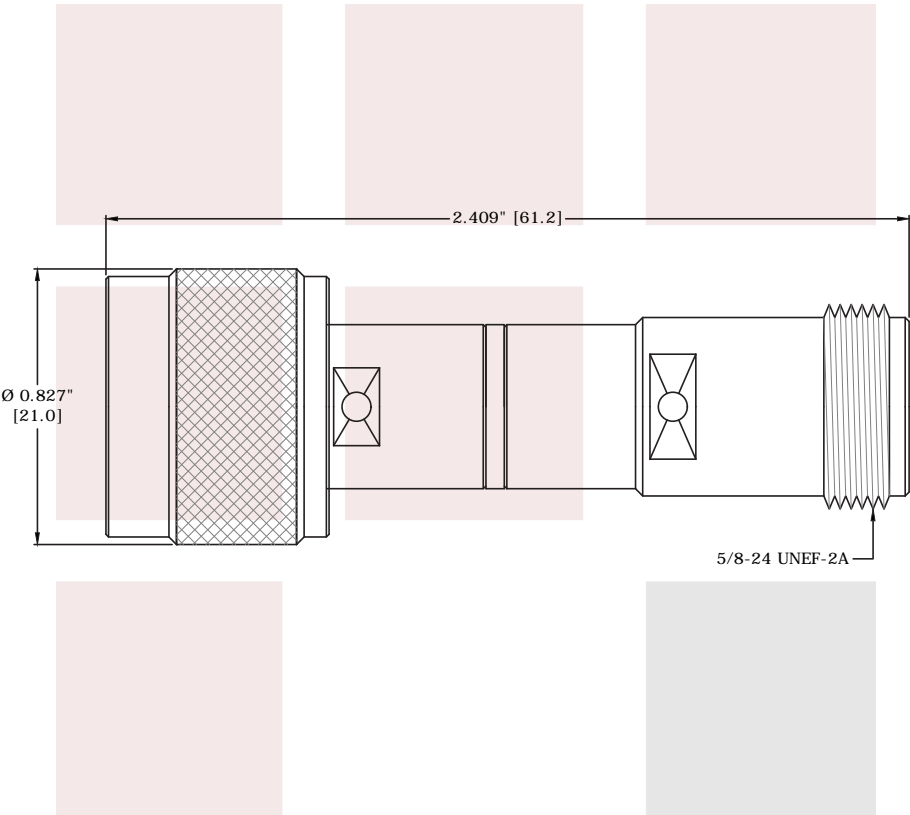
Notes:

1 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: [1 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 SA4N75-01](#)

URL: <http://www.fairviewmicrowave.com/1db-fixed-attenuator-n-male-n-female-2-watts-sa4n75-01-p.aspx>

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TITLE 1 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	DWG NO SA4N75-01		CAGE CODE 3FKR5		
	CAD FILE 032116	SHEET	SCALE N/A	SIZE A	5568