

1.5 to 70 dB Step Attenuator With a  
1 dB Step N Female Connectors Rated Up To  
3 GHz and Up to 2 Watts in a Dial Design



## SA3770N

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
Impedance		50		Ohms
Insertion Loss			1.5	dB
Attenuation Value		1.5 to 70		dB
Step Size		1		dB
Step Type		Dial		
Input Power (CW)			2	Watts
Input Power, Peak			100	Watts
VSWR			1.5:1	

### Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 1	1 to 2	2 to 3			GHz
Insertion Loss	0.6	1	1.5			dB
VSWR	1.3:1	1.4:1	1.5:1			
Attenuation Accuracy	0.3	0.8	1.5			dB

### Mechanical Specifications

#### Size

Length	4.86 in [123.44 mm]
Width	4.9 in [124.46 mm]
Height	2.72 in [69.09 mm]
Weight	1.0645 lbs [482.85 g]

### Connectors

Description	Connector 1	Connector 2
Type	N Female	N Female

### Environmental Specifications

#### Temperature

Operating Range	-20 to 85 deg C
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**Compliance Certifications** (see [product page](#) for current document)

### Plotted and Other Data

Notes:

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1.5 to 70 dB Step Attenuator With a 1 dB Step N Female Connectors Rated Up To 3 GHz and Up to 2 Watts in a Dial Design 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 Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [1.5 to 70 dB Step Attenuator With a 1 dB Step N Female Connectors Rated Up To 3 GHz and Up to 2 Watts in a Dial Design SA3770N](https://www.fairviewmicrowave.com/70db-step-attenuator-1db-n-female-dc-3-ghz-2-watts-sa3770n-p.aspx)

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