

30 dB Fixed Attenuator N Male To N Female Up To 8.5 GHz Rated To 50 Watts With Black Aluminum Heatsink Body

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		8.5	GHz
Impedance		50		Ohms
Nominal Attenuation		30		dB
Attenuation Accuracy		±1.75		dB
VSWR			1.3:1	
Input Power, CW			50	Watts
Input Power, Peak			5	KWatts

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 4	4 to 8.5				GHz
VSWR	1.2:1	1.3:1				

Mechanical Specifications

Size

Length	4.38 in [111.25 mm]
Width/Diameter	1.62 in [41.15 mm]
Weight	0.50574 lbs [229.4 g]
Body Material and Plating	Black Anodized Aluminum Heatsink

Configuration

Design	Fixed, Bidirectional
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Connectors

Description	Connector 1	Connector 2
Type	N Male	N Female
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold

Environmental Specifications

Temperature

Operating Range	-55 to +125 deg C
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Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant	Yes
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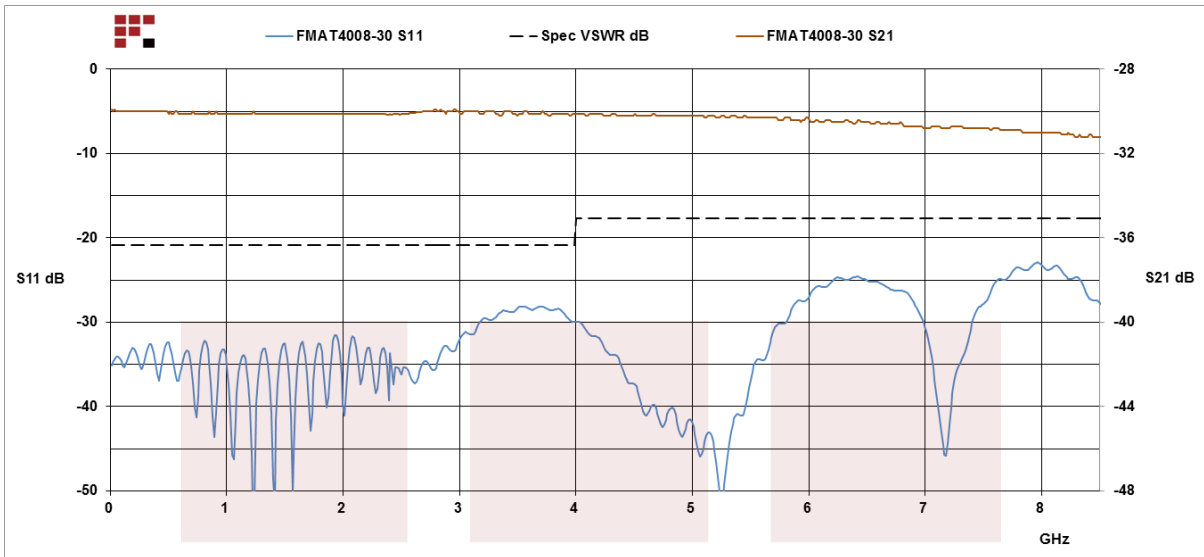
Plotted and Other Data

Notes:



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Typical Performance Data

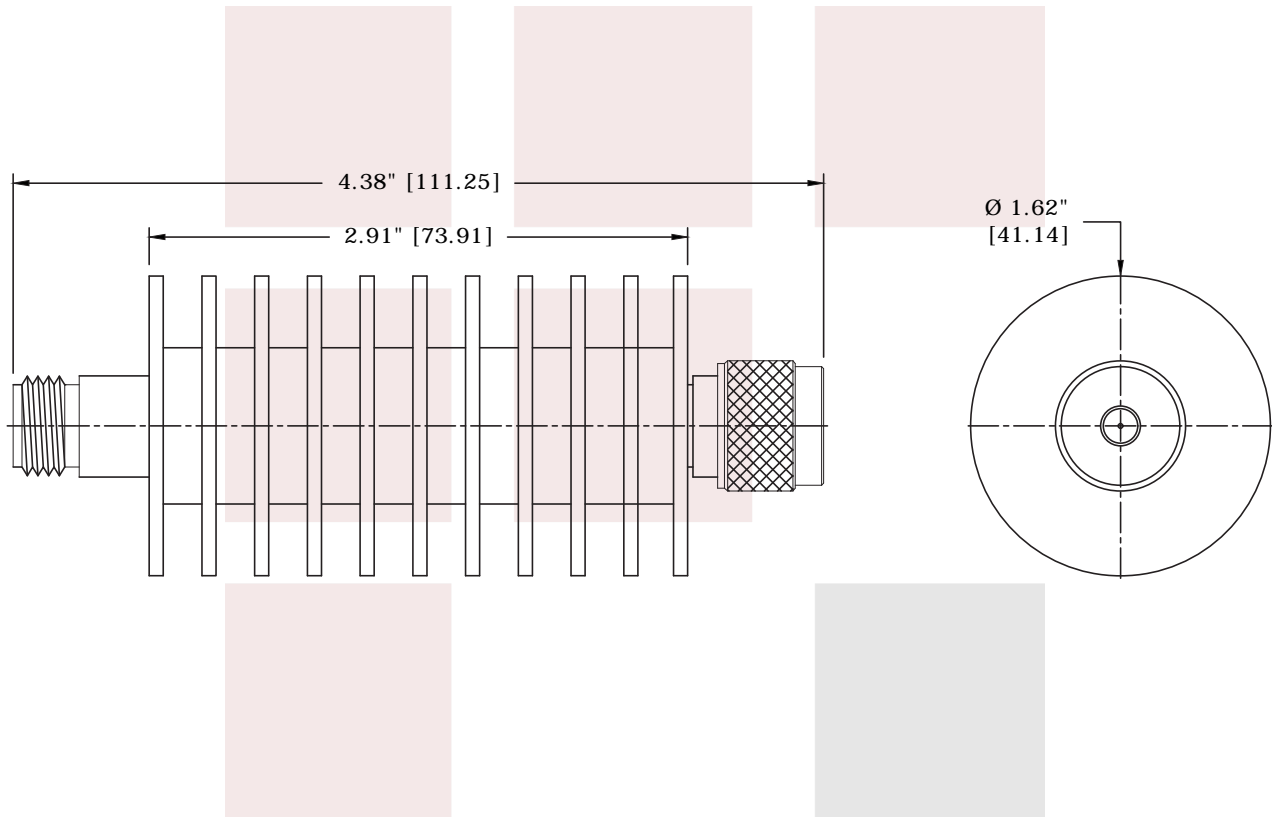


30 dB Fixed Attenuator N Male To N Female Up To 8.5 GHz Rated To 50 Watts With Black Aluminum Heatsink Body from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [30 dB Fixed Attenuator N Male To N Female Up To 8.5 GHz Rated To 50 Watts With Black Aluminum Heatsink Body FMAT4008-30](http://www.fairviewmicrowave.com/30db-fixed-attenuator-n-male-n-female-50-watts-fmat4008-30-p.aspx)

URL: <http://www.fairviewmicrowave.com/30db-fixed-attenuator-n-male-n-female-50-watts-fmat4008-30-p.aspx>

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TITLE 30 dB Fixed Attenuator N Male To N Female Up To 8.5 GHz Rated To 50 Watts With Black Aluminum Heatsink Body		DWG NO FMAT4008-30		CAGE CODE 3FKR5	
CAD FILE	061815	SHEET	SCALE	N/A	SIZE A 5568