

6 dB Fixed Attenuator N Female To N Male
Directional Up To 3 GHz Rated To 300 Watts With
Black Aluminum Heatsink Body

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		3	GHz
Impedance		50		Ohms
Nominal Attenuation		6		dB
Attenuation Accuracy		±1		dB
VSWR			1.4:1	
Input Power, CW			300	Watts
Input Power, Peak			2.5	KWatts

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 1.5	1.5 to 3				GHz
VSWR	1.2:1	1.4:1				
Atten Accuracy, Typ	±0.75	±1				dB

Mechanical Specifications

Size

Width/Diameter	6.2 in [157.48 mm]
Height	6.3 in [160.02 mm]
Body Material and Plating	Black Aluminum Heatsink

Configuration

Design	Fixed, Directional
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Connectors

Description	Connector 1	Connector 2
Type	N Female	N Male
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Outer Conductor Material & Plating	Passivated Stainless Steel	
Coupling Nut Material & Plating		Passivated Stainless Steel
Body Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel

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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6 dB Fixed Attenuator N Female To N Male Directional Up To 3 GHz Rated To 300 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: [6 dB Fixed Attenuator N Female To N Male Directional Up To 3 GHz Rated To 300 Watts With Black Aluminum Heatsink Body SA3NFM300W-06](http://www.fairviewmicrowave.com/6db-fixed-attenuator-n-female-n-male-300-watts-sa3nfm300w-06-p.aspx)

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