

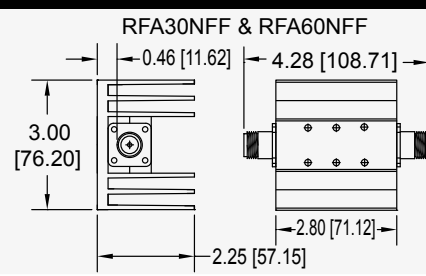
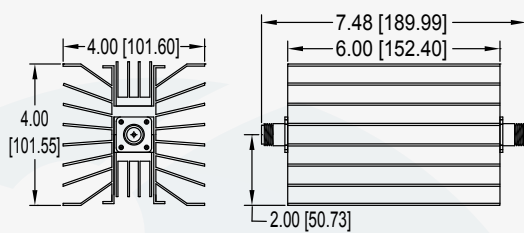
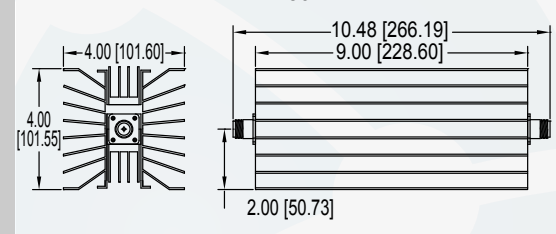
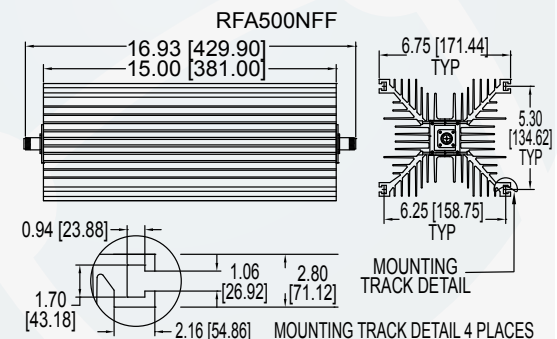
COAXIAL ATTENUATORS CONVECTION COOLED



General Specifications

Substrate: Beryllium Oxide
Resistive Material: Thick Film
Connector Body: N-Type, other connectors available upon request
Connector Interface: Conforms to MIL-C-39012

Housing: Black Anodized Aluminum
Heat Spreader: Copper
Impedance: 50 Ohms
Frequency: DC - 3 GHz

Part Number	Power (W)	Attenuation (dB)	Attenuation Accuracy (dB)	Frequency (GHz)	VSWR (max)	Mechanical Outline
RFA30NFFdB	30	1 - 20 30	±0.5 ±1.0	DC-1.0 1.0 - 3.0	1.15:1 1.35:1	RFA30NFF & RFA60NFF 
RFA60NFFdB	60	1 - 20 30	±0.5 ±1.0	DC-1.0 1.0 - 3.0	1.15:1 1.35:1	
RFA100NFFdB	100	1 - 20 30	±0.5 ±1.0	DC-1.0 1.0 - 3.0	1.15:1 1.35:1	RFA100NFF & RFA150NFF 
RFA150NFFdB	250	1 - 20 30	±0.5 ±1.0	DC-1.0 1.0 - 3.0	1.15:1 1.35:1	
RFA250NFFdB	250	1 - 20 30	±0.5 ±1.0	DC-1.0 1.0 - 3.0	1.25:1 1.35:1	RFA250NFF 
RFA500NFFdB	500	1 - 20 30	±0.5 ±1.0	DC-1.0 1.0 - 3.0	1.25:1 1.35:1	RFA500NFF 

Dimensions are in inches [mm], Tolerance: .XXX = ±0.010, .XX = ±0.015

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Heat Spreader: Copper
Impedance: 50 Ohms
Frequency: DC - 3 GHz

Connector Interface: Conforms to MIL-C-39012

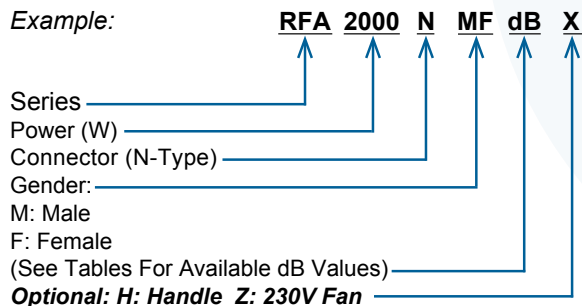


Part Number	Power (W)	Attenuation (dB)	Attenuation Accuracy (dB)	Frequency (GHz)	VSWR (max)	Mechanical Outline
RFA1000NFFdB	1000	3 - 20 30	±0.5 ±1.0	DC-1.0 1.0 - 3.0	1.25:1 1.35:1	
RFA1500NFFdB	1500	3 - 30	±0.3	DC-0.5	1.25:1	
RFA2000NFFdB	2000	3 - 30	±0.3	DC - 0.5	1.25:1	

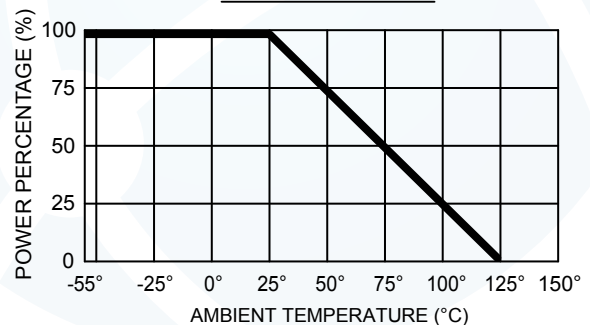
Dimensions are in inches [mm], Tolerance: .XXX = ±0.010, .XX = ±0.015

Ordering Information:

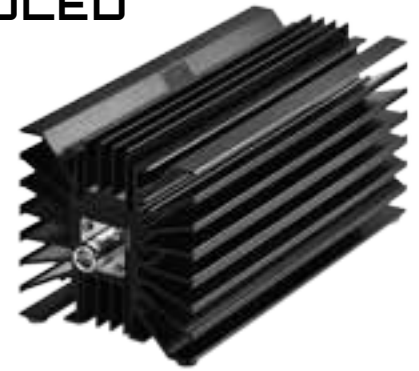
Example:



DERATING CURVE



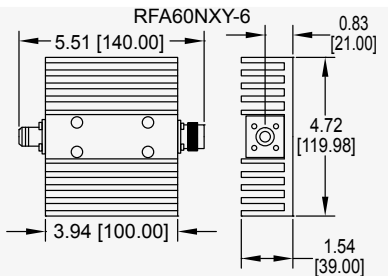
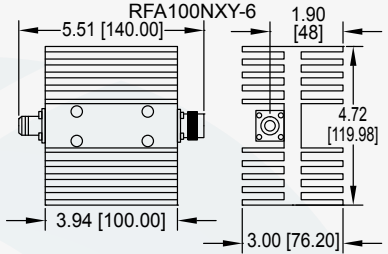
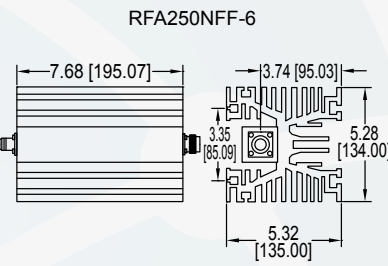
COAXIAL ATTENUATORS CONVECTION COOLED



General Specifications

Substrate: Beryllium Oxide
Resistive Material: Thick Film
Connector Body: N-Type, other connectors available upon request
Connector Interface: Conforms to MIL-C-39012

Housing: Black Anodized Aluminum
Heat Spreader: Copper
Impedance: 50 Ohms
Frequency: DC - 6 GHz

Part Number	Power (W)	Attenuation (dB)	Attenuation Accuracy (dB)	Frequency (GHz)	VSWR (max)	Mechanical Outline
RFA60NXY-dB-6	30	3 6 10 20 30 40	±0.5 ±0.5 ±1.0 ±1.0 ±1.0 ±1.0	DC-3.0 3.0 – 6.0	1.20:1 1.30:1	
RFA100NXY-dB-6	100	3 6 10 20 30 40	±0.5 ±0.5 ±1.0 ±1.0 ±1.0 ±1.5	DC-3.0 3.0 – 6.0	1.20:1 1.30:1	
RFA250NXY-dB-6	250	3 6 10 20 30 40 50	±0.75 ±0.75 ±1.0 ±1.0 ±1.0 ±1.0 ±1.5	DC-3.0 3.0 – 6.0	1.20:1 1.30:1	

Dimensions are in inches [mm]
Tolerance: .XXX = ±0.010
.XX = ±0.015

Ordering Information:

Example: **RFA 250 N MF dB 6**

Series → RFA
Power (W) → 250
Connector (N-Type) → N
Gender: M: Male, F: Female → MF
(See Tables For Available dB Values) → dB
Frequency (GHz) → 6

DERATING CURVE

