

NFA18K2

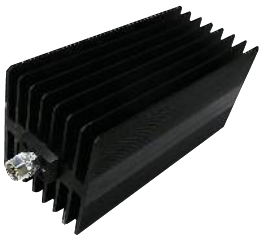
DC~18GHz, 200W

Features:

- * Low VSWR
- * High Attenuation Flatness

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test
- * Radar



Electrical

Frequency:	DC~18GHz
Attenuation:	10~60dB
Impedance:	50Ω
Average Power*1:	200W@25°C max.
Peak Power:	5KW (5μS pulse width, 2% duty cycle) @DC~12.4GHz 1KW (5μS pulse width, 10% duty cycle) @18GHz

[1] Derated linearly to 10W@120°C.

Mechanical

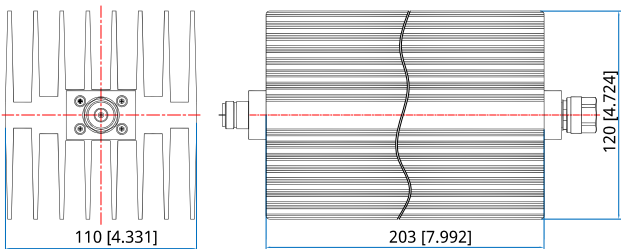
Size*2:	203*120*110mm 7.992*4.724*4.331in
RF Connectors:	N Male, N Female

[2] Exclude connectors.

Environmental

Temperature:	-55~+125°C
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Outline Drawings



Unit: mm [in]

Tolerance: ±2mm [±0.08in]

Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)						VSWR (max.)
	10	20	30	40	50	60	
DC~4	0.7	0.7	0.8	0.9	0.9	0.9	1.20
DC~8	0.8	0.8	0.9	0.9	0.9	0.9	1.25
DC~12.4	1.5	0.9	1.0	1.1	1.1	1.1	1.35
DC~18	3.5	2.5	1.5	1.3	1.4	1.4	1.45

How To Order

NFA18K2-X-Y-Z

X: Frequency in GHz

Y: Attenuation in dB

Z: Connector type

Examples:

To order an attenuator, DC-18GHz, N male to N female, 30dB attenuation, specify NFA18K2-18-30-N.

Connector naming rules:

N - N