

NFA014K
DC~1GHz, 4000W

Features:
* Low VSWR
* High Attenuation Flatness

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	DC~1GHz
Attenuation:	20, 30, 40, 50dB
Impedance:	50Ω
Average Power:	4000W@25°C max.
Peak Power:	100KW (10μS pulse width)

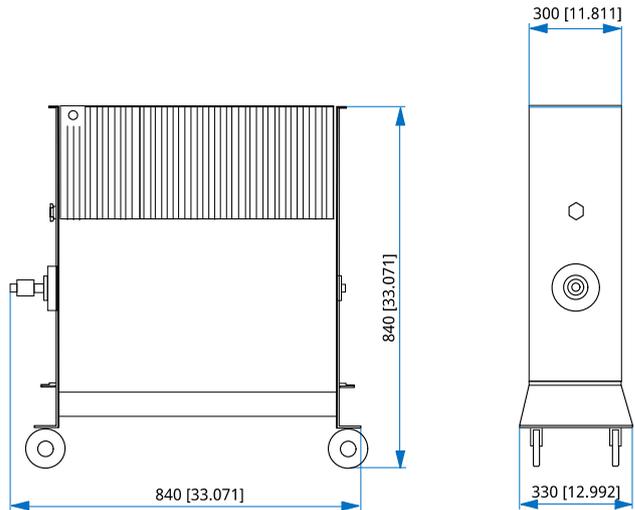
Mechanical

Size:	840*330*840mm 33.071*12.992*33.071in
RF Connectors:	7/16 DIN female N female
Housing:	Aluminum
Outer Conductor:	Nickel Plated Brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated phosphor copper
Cooling:	Oil cooling and air cooling

Environmental

Temperature:	-40~+45°C
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Outline Drawings



Unit: mm [in]
Tolerance: ±2mm [±0.08in]

Expain:
Replace the hexagon nut with the exhaust valve before startup, and replace the exhaust valve with the hexagon nut during transportation.

Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)				VSWR (max.)
	20	30	40	50	
DC~0.5	/	±1.0	±1.0	±1.0	1.25,
0.5~1	/	/	/	/	1.40

How To Order

NFA014K-X-Y-Z

X: Frequency in GHz
Y: Attenuation in dB
Z: Connector type

Connector naming rules:
7F - 7/16 DIN female
NF - N DIN female

Examples:
To order an attenuator, DC~1GHz, 7/16 DIN female to N female, 30dB attenuation, specify NFA014K-1-30-7FNF.