

NFA015K

DC~1GHz, 5000W

Features:

- * Low VSWR
- * High Attenuation Flatness

Applications:

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

Electrical

Frequency:	DC~1GHz
Attenuation:	20dB, 30dB, 40dB, 50dB
Impedance:	50Ω
Average Power:	5000W@25°C max.
Peak Power:	100KW (1μs pulse width, 5% duty cycle)

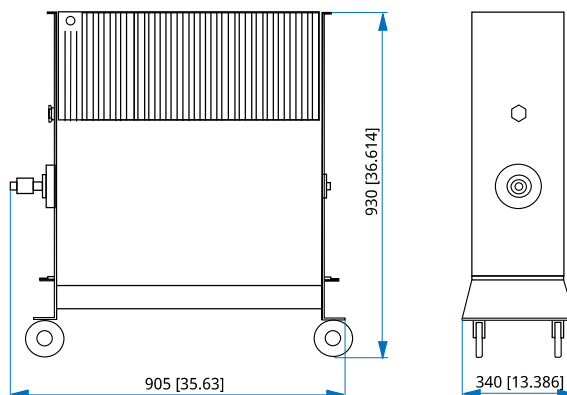
Mechanical

Size:	905*340*930mm 35.63*13.386*36.614in
Weight:	110Kg
RF Connectors:	7/16 DIN
Housing:	Aluminum
Outer Conductor:	Nickel Plated Brass
Male Inner Conductor:	Silver plated brass
Female Inner Conductor:	Silver plated silicon manganese 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@7/16DIN female

How To Order

NFA015K-X-Y-Z

X: Frequency in GHz

Y: Attenuation in dB

Z: Connector type

Connector naming rules:

7F - 7/16 DIN female

7 - 7/16 DIN male

Examples:

To order an attenuator, DC~1GHz, 7/16 DIN male to 7/16 DIN female, 50dB attenuation, specify NFA015K-1-50-7.