

**NFA022K**  
DC~2GHz, 2000W

Features:  
\* Low VSWR  
\* High Attenuation Flatness

Applications:  
\* Wireless  
\* Transmitter  
\* Laboratory Test  
\* Radar

**Electrical**

Frequency: DC~2GHz  
Attenuation: 20, 30, 40, 50dB  
Impedance: 50Ω  
Average Power: 2000W@25°C max.  
Peak Power: 50KW (1mS pulse width)

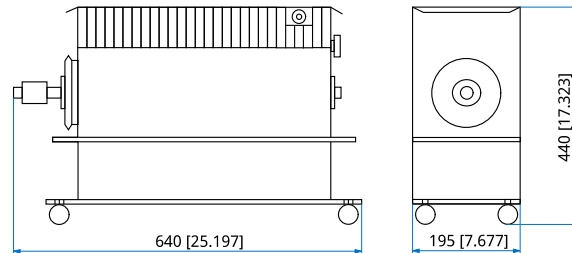
**Mechanical**

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

**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~0.7	/	±1.0	±1.0	±1.0	1.2
0.7~2	/	/	/	/	1.3

**How To Order**

**NFA022K-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~2GHz, 7/16 DIN female to N female, 30dB attenuation, specify NFA022K-1-30-7FNF.