

**NFA033K**  
DC~3GHz, 3000W

Features:  
\* Low VSWR  
\* High Attenuation Flatness

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

**Electrical**

Frequency:	DC~3GHz
Attenuation:	50dB
Attenuation Accuracy:	±3dB
VSWR:	1.4 max.
Impedance:	50Ω
Average Power*1:	3000W@25°C max.
Peak Power:	10KW (5μS pulse width, 5% duty cycle)

[1] Derated linearly to 300W@125°C.

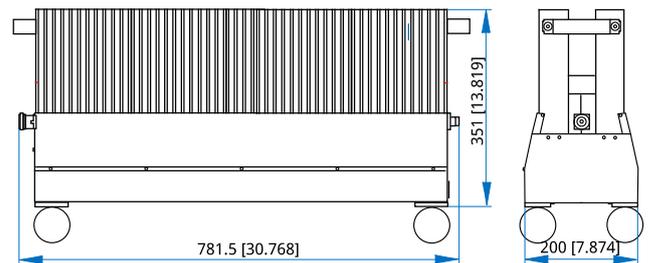
**Mechanical**

Size:	781.5*200*351mm 30.768*7.874*13.819in
Weight:	37Kg
RF Connectors:	N, 7/16 DIN
Housing:	Aluminum
Outer Conductor:	Nickel plated brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

**Environmental**

Temperature:	-55~+125°C
--------------	------------

**Outline Drawings**



Unit: mm [in]  
Tolerance: ±5mm [±0.02in]

**How To Order**

**NFA033K-X-Y-Z**

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

Connector naming rules:

- NF - N Female
- N - N Male
- 7F - 7/16 DIN Female
- 7 - 7/16 DIN Male

Examples:

To order an attenuator, DC-3GHz, 7/16DIN female to N female, 50dB attenuation, specify NFA033K-3-50-7FNF.

