

## NFA4030

DC~40GHz, 30W

### Features:

- \* Low VSWR
- \* High Attenuation Flatness

### Applications:

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

### Electrical

Frequency:	DC~40GHz
Attenuation:	10dB, 20dB, 30dB, 40dB
Impedance:	50Ω
Average Power*1:	30W@25°C max.
Peak Power:	200W (5μS pulse width, 10% duty cycle)

[1] Derated linearly to 3W@125°C.

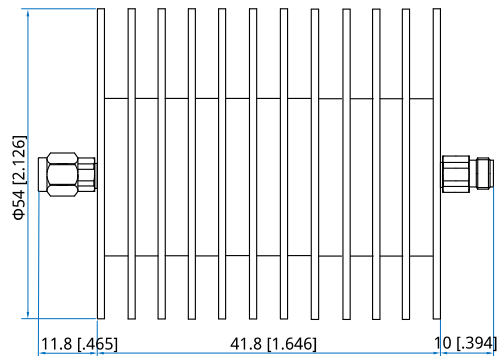
### Mechanical

RF Connectors:	2.92mm
Housing:	Aluminum
Dielectric:	PEI
Outer Conductor:	Passivated stainless steel
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

### Environmental

Temperature:	-55~+125°C
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### Outline Drawings



Unit: mm [in]  
Tolerance:  $\pm 2\%$

### Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy ( $\pm$ dB) vs. Attenuation (dB)				VSWR (max.)
	10	20	30	40	
DC~40	-1.5/+2.0	-1.5/+2.0	-1.5/+2.0	-1.5/+2.0	1.35

### How To Order

#### NFA4030-X-Y-Z

X: Frequency in GHz

Y: Attenuation in dB

Z: Connector type

Connector naming rules:

K - 2.92mm

Examples:

To order an attenuator, DC~40GHz, 2.92mm male to 2.92mm female, 20dB attenuation, specify NFA4030-40-20-K.