

# NFA4030

DC~40GHz, 30W

- |   |   |
|---|---|
| <b>Features:</b><br>* Low VSWR<br>* High Attenuation Flatness | <b>Applications:</b><br>* Wireless<br>* Transmitter<br>* Laboratory Test<br>* 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.

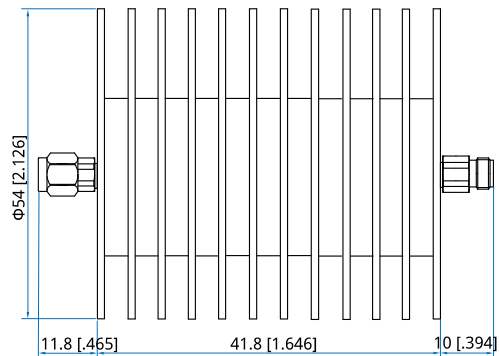
### Mechanical

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

### Outline Drawings



Unit: mm [in]  
Tolerance: ±2%

### Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±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.