

# QFA4030

## DC~40GHz, 30W

**Features:**

- \* Low VSWR
- \* High Attenuation Flatness

**Applications:**

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

### Electrical

Frequency:	DC~40GHz
Attenuation:	20dB, 30dB, 40dB
Impedance:	50Ω
Average Power*1:	30W@25°C max.

[1] Derated linearly to 1.5W@120°C.

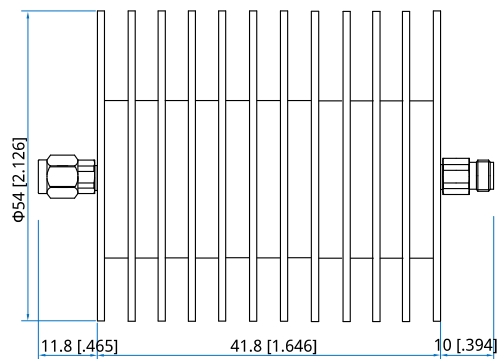
### Mechanical

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: ±2mm [±0.08in]

### Attenuation Accuracy and VSWR

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

### How To Order

**QFA4030-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 QFA4030-40-20-K.