

# QFA4030

## DC~40GHz, 30W

**Features:**

- \* Low VSWR
- \* High Attenuation Flatness

**Applications:**

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

**Electrical**

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

[1] Derated linearly to 1.5W@120°C.

**Attenuation Accuracy and VSWR**

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)		VSWR (max.)
	30	40	
DC~26.5	-1.0/+1.5	-1.0/+1.5	1.3
26.5~32	-1.0/+2.0	-1.0/+2.0	1.4
32~40	-1.5/+2.0	-1.0/+2.5	1.5

**Mechanical**

RF Connectors:	2.92mm
Housing:	Aluminum
Outer Conductor:	Gold plated brass or Stainless steel
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

**Environmental**

Temperature: -55~+85°C

**How To Order**

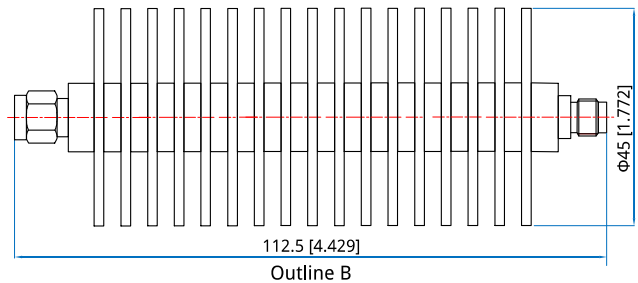
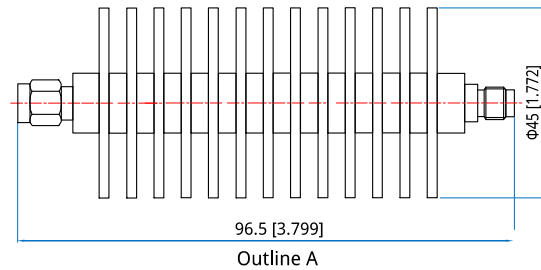
**QFA4030-X-Y-Z**

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

**Examples:**

To order an attenuator, DC-40GHz, 2.92mm male to 2.92mm female, 30dB attenuation, specify QFA4030-40-30-K.

**Outline Drawings**



Unit: mm [in]  
Tolerance: ±2mm [±0.08in]

Outline A - Attenuation: 30dB  
Outline B - Attenuation: 40dB

Connector naming rules:  
K - 2.92mm