

# QFA4010

## DC~40GHz, 10W

**Features:**

- \* Low VSWR
- \* High Attenuation Flatness

**Applications:**

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

**Electrical**

Frequency:	DC~40GHz
Attenuation:	1~10dB, 20dB, 30dB, 40dB
Impedance:	50Ω
Average Power*1:	10W@25°C max.

[1] Derated linearly to 0.5W@120°C.

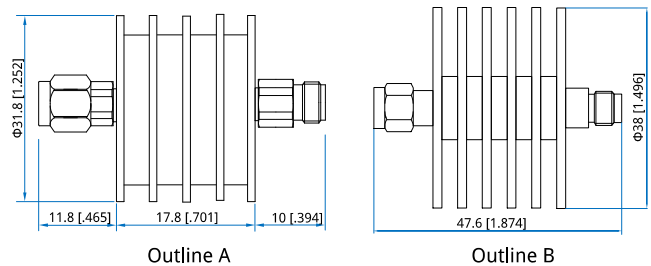
**Mechanical**

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

**Environmental**

Temperature: -55~+85°C

**Outline Drawings**



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

**Attenuation Accuracy and VSWR**

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)				VSWR (max.)
	1~10	20	30	40	
DC~40	-0.7/+1.0	-0.7/+1.0	-0.7/+1.0	-1.0/+2.0	1.25, 1.4@40dB

**How To Order**

**QFA4010-X-Y-Z**

X: Frequency in GHz

Y: Attenuation in dB (Outline A - 1~30dB, Outline B - 40dB)

Z: Connector type

Connector naming rules:

K - 2.92mm

Examples:

To order an attenuator, DC~40GHz, 2.92mm male to 2.92mm female, 3dB attenuation, specify QFA4010-40-3-K.