

QFA4010

DC~40GHz, 10W

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:	10W@25°C max.

[1] Derated linearly to 0.5W@120°C.

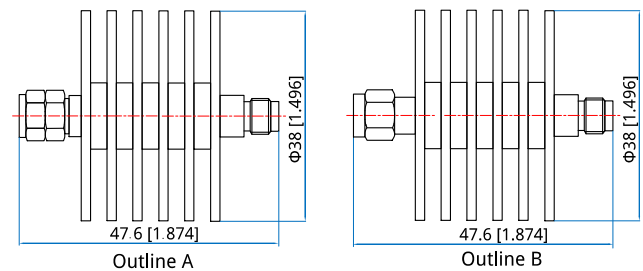
Mechanical

Size:	Φ38*47.6 mm Φ1.496*1.874 in
Weight:	40g typ.
RF Connectors:	2.4mm, 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

Outline Drawings



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

Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)				VSWR (max.)
	10	20	30	40	
DC~26.5	±1.0	±1.0	±1.0	±1.0	1.25
26.5~32	-1.0/+1.5	-1.0/+1.2	-1.0/+1.2	-1.0/+1.5	1.35
32~40	-1.0/+2.0	-1.0/+1.5	-1.0/+1.5	-1.0/+2.0	1.40

How To Order

QFA4010-X-Y-Z

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

- Connector naming rules:
- 2 - 2.4mm (Outline A)
 - K - 2.92mm (Outline B)

Examples:

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