

QFA4020

DC~40GHz, 20W

Features:

- * Low VSWR
- * High Attenuation Flatness

Applications:

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

Electrical

Frequency:	DC~40GHz
Attenuation:	3dB, 10dB, 20dB, 30dB, 40dB
Impedance:	50Ω
Average Power*1:	20W@25°C max.

[1] Derated linearly to 1W@120°C.

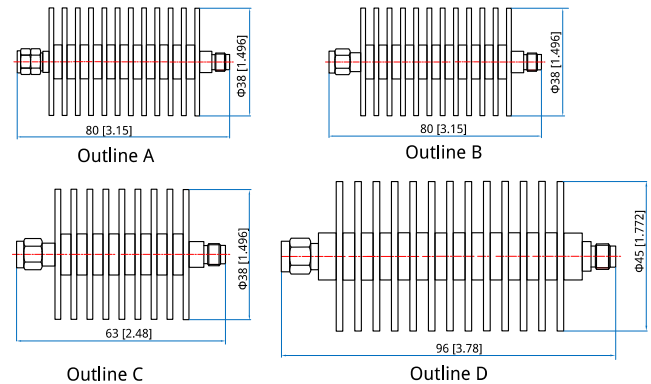
Mechanical

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]
 Outline B - Attenuation: 10, 20, 30dB
 Outline C - Attenuation: 3dB
 Outline D - Attenuation: 40dB

Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)		VSWR (max.)
	3, 10	20, 30, 40	
DC~26.5	-1.0/+2.0	-1.0/+2.0	1.3
26.5~32	-1.0/+2.0	-1.0/+2.0	1.4
32~40	-1.5/+3.0	-1.0/+2.0	1.4

How To Order

QFA4020-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, C, D)

Examples:

To order an attenuator, DC-40GHz, 2.92mm male to 2.92mm female, 3dB attenuation, specify QFA4020-40-3-K.