

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.
Peak Power:	200W (5μS pulse width, 10% duty cycle)

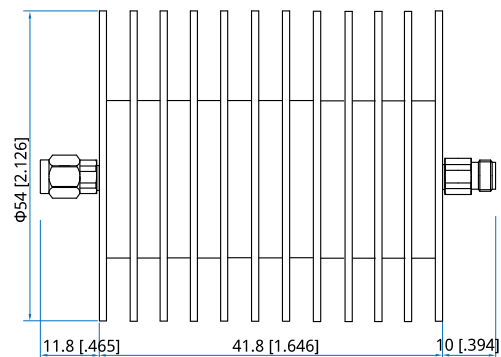
[1] Derated linearly to 3W@125°C.

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.