

QFA4050

DC~40GHz, 50W

Features:

- * Low VSWR
- * High Attenuation Flatness

Applications:

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

Electrical

Frequency:	DC~40GHz
Attenuation:	6dB, 10dB, 20dB, 30dB, 40dB
Impedance:	50Ω
Average Power ^{*1} :	50W@25°C max.
Peak Power:	200W (5μS pulse width, 10% duty cycle)

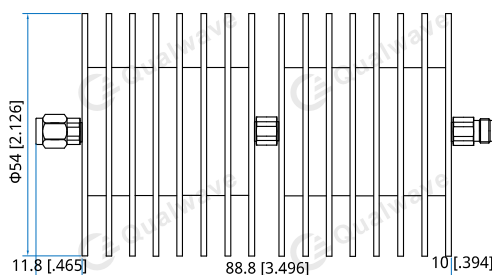
[1] Derated linearly to 5W@125°C.

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

Outline Drawings


Unit: mm [in]

Tolerance: ±2mm [±0.08in]

Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)					VSWR (max.)
	6	10	20	30	40	
DC~40	-3.0/+3.0	-3.0/+3.0	-3.0/+3.0	-3.0/+3.0	-3.0/+3.0	1.35

How To Order
QFA4050-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 QFA4050-40-20-K.