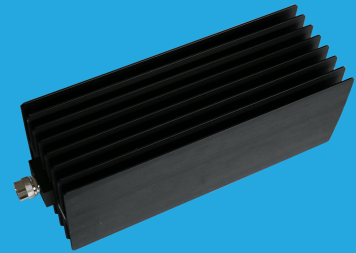


QFA18K3

DC~18GHz, 300W

Features:
 * Low VSWR
 * High Attenuation Flatness

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar



Electrical

Frequency: DC~18GHz
 Attenuation: 3, 6, 10~60dB
 Impedance: 50Ω
 Average Power^{*1}: 300W@25°C max.
 Peak Power: 5KW (5μS pulse width, 3% duty cycle) @DC~12.4GHz
 1KW (5μS pulse width, 15% duty cycle) @18GHz

[1] Derated linearly to 15W@120°C.

Mechanical

RF Connectors: N Male, N Female

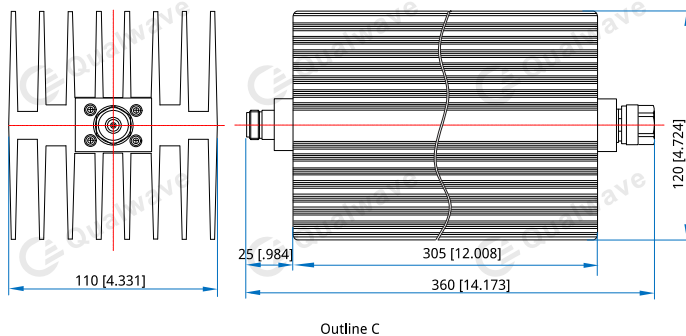
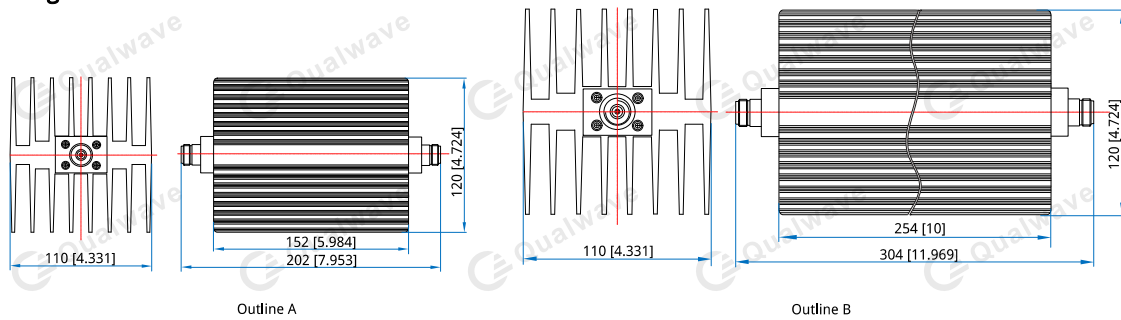
Environmental

Temperature: -55~+125°C

Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)									VSWR (max.)
	3	6	10	20	30	40	50	60		
DC~4	0/+1.0	-0.6/+1.0	0.7	0.7	0.8	0.9	0.9	0.9	1.20	
DC~8	0/+2.0	-1.0/+2.0	0.8	0.8	0.9	0.9	0.9	0.9	1.25	
DC~12.4	0/+3.5	-1.0/+5.0	3.0	0.9	1.0	1.1	1.1	1.1	1.35, 1.3@3, 6dB	
DC~18	0/+5.0	-1.0/+7.0	4.0	3.0	1.5	1.3	1.3	1.4	1.45, 1.35@3, 6dB	

Outline Drawings



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

How To Order**QFA18K3-X-Y-Z**

X: Frequency in GHz

Y: Attenuation in dB

3dB, DC~18GHz - Outline A

6dB, DC~18GHz - Outline B

10~60dB, DC~18GHz - Outline C

Z: Connector type

Examples:

To order an attenuator, DC-18GHz, N male to N female, 30dB attenuation, specify QFA18K3-18-30-N.

Connector naming rules:

N - N