

QFA04K8F

DC~4GHz, 800W, Fan

Features:
 * Low VSWR
 * High Attenuation Flatness

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency: DC~4GHz
 Attenuation: 40~60dB
 Impedance: 50Ω
 Average Power*1: 800W@25°C max.
 Peak Power: 10KW (5 μs pulse width, 8% duty cycle)

[1] Derated linearly to 80W@125°C.

Mechanical

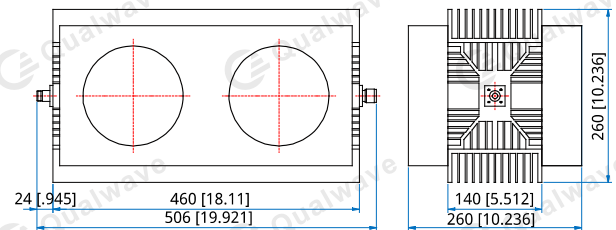
Size*2: 460*260*260mm
 18.11*10.236*10.236in
 RF Connectors: N, 7/16 DIN
 Weight: 17.5kg
 Housing: Aluminum
 Outer Conductor: Nickel plated brass
 Male Inner Conductor: Gold plated brass
 Female Inner Conductor: Gold plated beryllium copper

[2] Exclude connectors.

Environmental

Temperature: -55~+125°C

Outline Drawings



Unit: mm [in]
 Tolerance: ±3%

Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)			VSWR (max.)
	40	50	60	
DC~1	1.0	1.0	1.5	1.20
DC~2	1.25	1.5	2.0	1.35
DC~3	1.5	2.0	2.5	1.40
DC~4	2.0	2.5	3.0	1.55

How To Order

QFA04K8F-X-Y-Z

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

Connector naming rules:

N - N
 7 - 7/16 DIN

Examples:

To order an attenuator, DC-4GHz, N male to N female, 40dB attenuation, specify QFA04K8F-4-40-N.