

# QFA061K5F

## DC~6GHz, 1500W, Fan

- |                             |                   |
|-----------------------------|-------------------|
| Features:                   | Applications:     |
| * Low VSWR                  | * Wireless        |
| * High Attenuation Flatness | * Transmitter     |
|                             | * Laboratory Test |
|                             | * Radar           |

### Electrical

- Frequency: DC~6GHz  
 Attenuation: 20, 30, 40, 50dB  
 Voltage: 220V  
 Impedance: 50Ω  
 Average Power\*1: 1500W@25°C max.

[1] Derated linearly to 75W@120°C.

### Mechanical

- Size\*2: 625.5\*508\*220mm  
 24.626\*20\*8.661in  
 RF In Connectors: 7/16DIN, N  
 RF Out Connectors: 7/16DIN, N  
 Power Supply Connectors\*3: Three-phase plugs

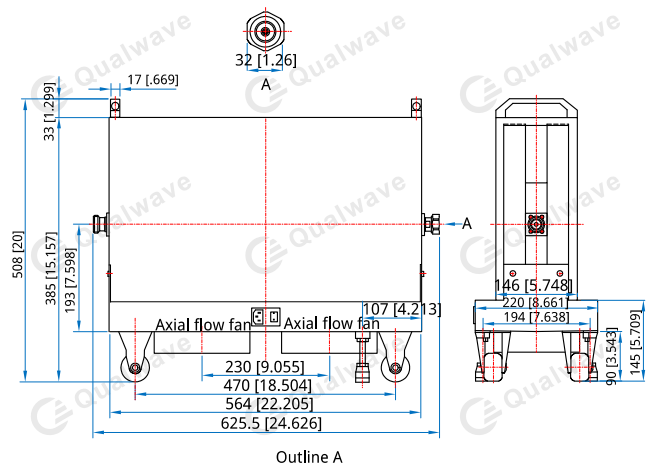
[2] Exclude connectors.

[3] Matching standard power cord, can be customized.

### 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.)
	20	30	40	50	
DC~3	-	-	-	-	-
DC~6	-	6	+9/-3	-	1.35

### How To Order

#### QFA061K5F-X-Y-Z

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

#### Connector naming rules:

- 7 - 7/16DIN (Outline A)  
 N - N

#### Examples:

To order an attenuator, DC-6GHz, 7/16DIN male to 7/16DIN male, 30dB attenuation, specify QFA061K5F-6-30-77.