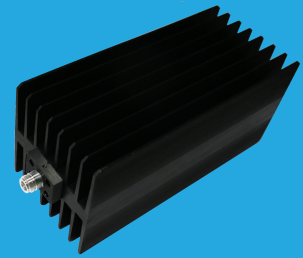


# QFA18K5

## DC~18GHz, 500W

Features:  
 \* Low VSWR  
 \* High Attenuation Flatness

Applications:  
 \* Wireless  
 \* Transmitter  
 \* Laboratory Test  
 \* Radar



### Electrical

Frequency: DC~18GHz  
 Attenuation: 3, 10~60dB  
 Impedance: 50Ω  
 Average Power\*1: 500W@25°C max.

[1] Derated linearly to 25W@120°C.

### Mechanical

RF Connectors: N Male, N Female

### Environmental

Temperature: -55~+125°C

### How To Order

**QFA18K5-X-Y-Z**

X: Frequency in GHz

Y: Attenuation in dB

Z: Connector type

Examples:

To order an attenuator, DC~18GHz, N male to N female, 30dB attenuation, specify QFA18K5-18-30-N.

Connector naming rules:

N - N male to N female, 10~60dB, DC~18GHz (Outline A)

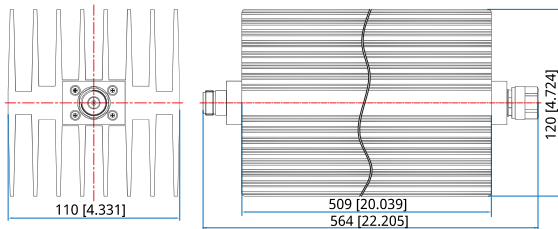
N - N male to N female, 3dB, DC~3GHz (Outline B)

NFNF - N female to N female, 3dB, DC~8GHz (Outline C)

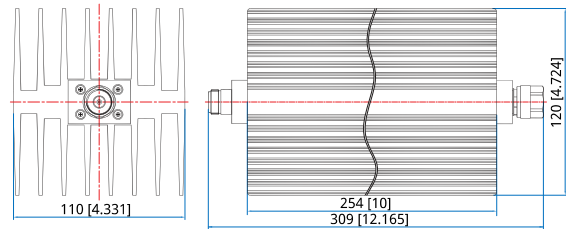
### Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)							VSWR (max.)
	3	10	20	30	40	50	60	
DC~3	-0.6/+1.5	-	-	-	-	-	-	1.25
DC~4	+2.3	-0.6/+1.5	1.2	1.0	1.0	1.0	1.0	1.25
DC~8	+3.5	-0.5/+2.0	2.0	1.5	1.1	1.1	1.1	1.30
DC~12.4	-	3.0	2.0	-1.5/+2.0	1.2	1.2	1.2	1.35
DC~18	-	6.0	5.0	0/+6.0	1.5	1.5	1.5	1.5

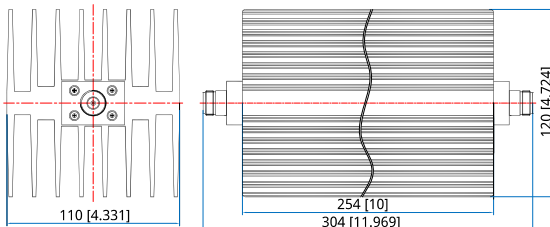
### Outline Drawings



Outline A



Outline B



Outline C

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