

# FFA04K8

## DC~4GHz, 800W

Features:  
 \* Low VSWR  
 \* High Attenuation Flatness

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

### Electrical

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

[1] Derated linearly to 80W@125°C.

### Mechanical

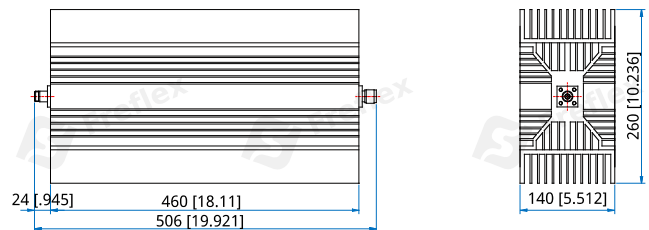
Size* <sup>2</sup> :	460*260*140mm 18.11*10.263*5.512in
RF Connectors:	N, 7/16 DIN
Weight:	17.5kg
Housing:	Aluminum
Outer Conductor:	Nickel plated brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

[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

#### FFA04K8-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 FFA04K8-4-40-N.