

FSFA1K-6-XX-N

Fixed Attenuator, DC-6GHz, 1000W, N

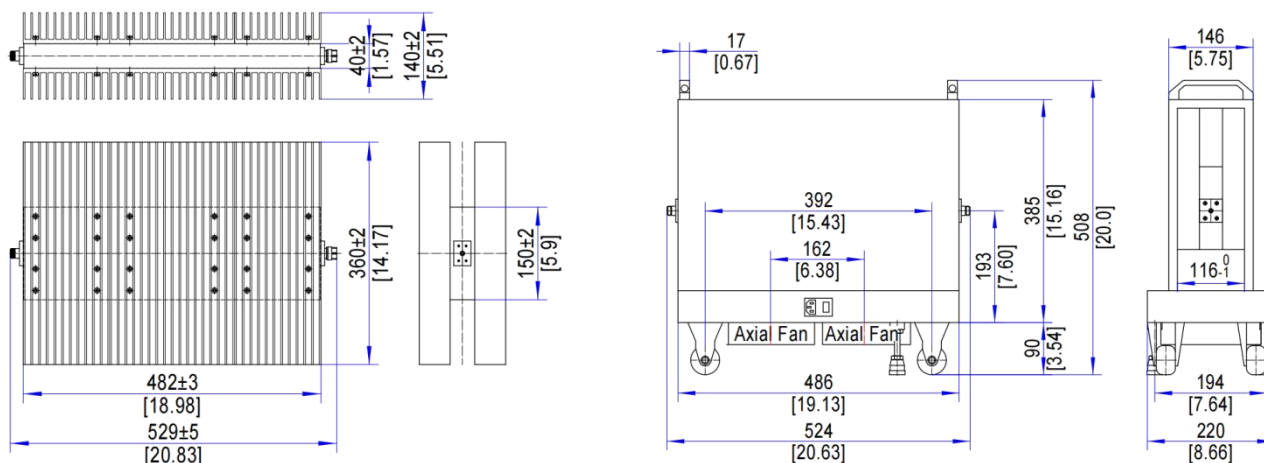
Electrical Specifications				
1	Nominal Impedance	50 Ω		
2	Average Power ¹	1000W @ 25°C		
3	Peak Power	10KW (5 μs pulse width, 10% duty cycle)		
4	Frequency Range	DC-2GHz	DC-4GHz	DC-6GHz
5	VSWR	≤1.25	≤1.35	≤1.45
Environmental Specifications				
1	Operating Temperature	-55°C~+125°C		
Mechanical Specifications				
1	Connectors	N(m) to N(f)-Standard, Polarity Customizable		
2	Body Material	Connector: Brass Heat Sink: Black Anodized Aluminum		
Attenuation, Accuracy & Dimension ²				
Attenuation (dB)	Accuracy(dB)			Without Fan: 482*360*140mm With Fan ³ : 486*220*508mm
	DC-2GHz	DC-4GHz	DC-6GHz	
30	±2.0	±3.0	±5.0	
40	±2.0	±3.0	-1/+8	
50,60	±2.0	±3.0	±4.0	

Note 1: Refer to the power derating curve for details.

Note 2: Excluding Connectors

Note 3: Turn on the fan before powering on the attenuator.

Outline Drawing (Units: mm/[inch], Tolerance: $\pm 2\%$)



Outline A: Without Fan

Outline B: With Fan

Ordering Information:

Model: **FSFA1K-XX-YY-N-F**

XX = Frequency Range (2GHz, 4GHz ,6GHz)

YY = Attenuation Value in dB

F =Fan Option (F: With Fan)

Example:

- 6GHz, 30dB, With Fan→**FSFA1K-6-30-N-F**
- 4GHz, 30dB, Without Fan→**FSFA1K-4-30-N**