

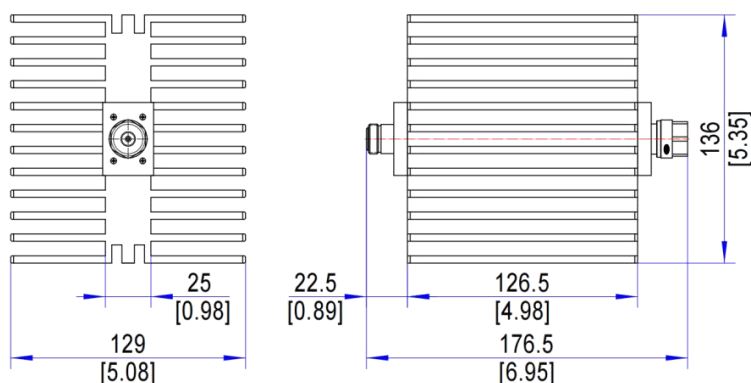
FSFA100-6-XX-N

Fixed Attenuator, DC-6GHz, 100W, N

Electrical Specifications						
1	Nominal Impedance	50 Ω				
2	Average Power ¹	100W @ 25°C				
3	Peak Power	5KW (5 μs pulse width, 1% duty cycle)				
4	Frequency Range	DC-1GHz	DC-2GHz	DC-3GHz	DC-4GHz	DC-6GHz
5	VSWR	≤1.10	≤1.15	≤1.20	≤1.25	≤1.40
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						
Attenuation (dB)	Accuracy(dB)					Dimension (mm/in)
	DC-1GHz	DC-2GHz	DC-3GHz	DC-4GHz	DC-6GHz	
10	±1.0	±1.5	±1.75	±2.0	±3.5	176.5*129*136 [6.95*5.08*5.35]
20	±1.0	±1.5	±1.75	±2.0	±3.5	
30	±0.5	±1.0	±2.0	±2.0	±3.5	
40	±0.5	±1.0	±2.0	±2.0	±3.5	
50	±0.5	±1.0	±2.0	±2.0	±3.5	

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

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



Ordering Information:

Model: **FSFA100-XX-YY-N**

XX = Frequency Range (1GHz, 2GHz, 3GHz, 4GHz, 6GHz)

YY = Attenuation Value in dB

Example: 6GHz, 10 dB → **FSFA100-6-10-N**