

FSFA500-18-XX-N

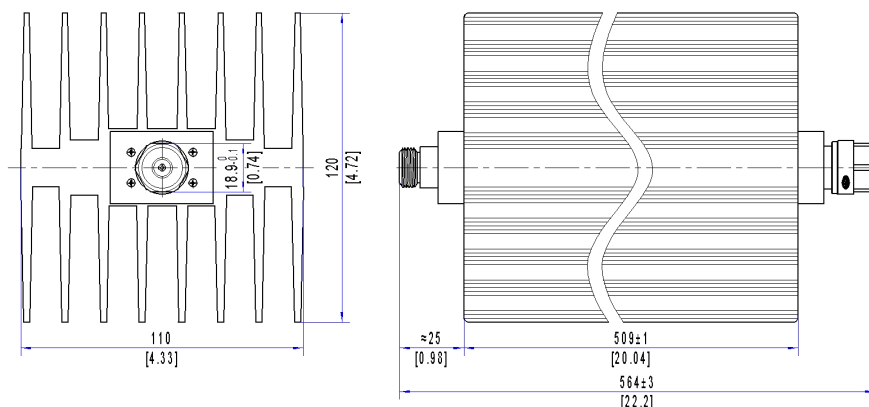
Fixed Attenuator, DC-18GHz, 500W, N

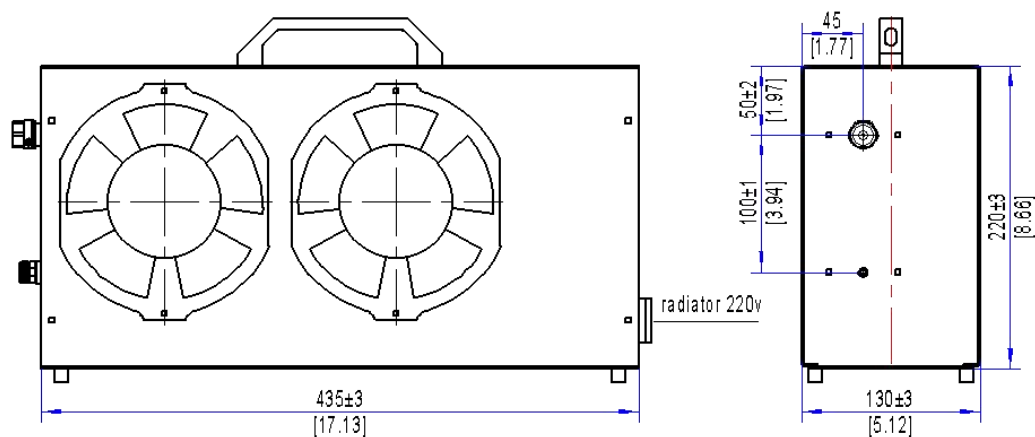
Electrical Specifications					
1	Nominal Impedance	50 Ω			
2	Average Power ¹	500W @ 25°C			
3	Frequency Range(GHz)	DC-18			
4	Attenuation (dB)	10~60dB			
Environmental Specifications					
1	Operating Temperature	-55°C~+125°C			
Mechanical Specifications					
1	Connectors	N(m) to N(f)-Standard, Polarity Customizable			
2	Body Material	Connector: Brass Heat Sink: Black Anodized Aluminum			
Attenuation, Accuracy & Length Without Fan					
Attenuation (dB)	Accuracy(dB)				L (mm/in)
	DC-4GHz	DC-8GHz	DC-12.4GHz	DC-18GHz	
10	-0.6~+1.5	±2.5	±4.0	±6.0	564/22.2
20	±1.2	±2.0	±2.0	±5.0	
30	±1.0	±1.1	-1.5~+2.0	0~+6.0	
40,50,60	±1.0	±1.1	±1.2	±1.5	
VSWR	≤1.25:1	≤1.30:1	≤1.35:1	≤1.50:1	
Attenuation, Accuracy & Length With Fan ²					
Attenuation (dB)	Accuracy(dB)				L (mm/in)
	DC-4GHz	DC-8GHz	DC-12.4GHz	DC-18GHz	
10	±0.7	±0.8	±2.5	±3.0	435/17.13
20	±0.7	±0.8	±0.9	±3.0	
30	±0.8	±0.9	±1.0	±1.5	
40,50,60	±0.9	±0.9	±1.1	±1.5	
VSWR	≤1.20:1	≤1.25:1	≤1.35:1	≤1.45:1	

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

Note 2: Turn on the fan before powering on the attenuator.

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





With Fan

Ordering Information:

Model: **FSFA500-XX-YY-N-F**

XX = Frequency Range (4GHz, 8GHz, 12.4GHz, 18GHz)

YY = Attenuation Value in dB

F = Fan Option (N: No Fan, F: With Fan)

Example:

- 18GHz, 10dB, With Fan→**FSFA500-18-10-N-F**
- 18GHz, 10dB, Without Fan→**FSFA500-18-10-N**