

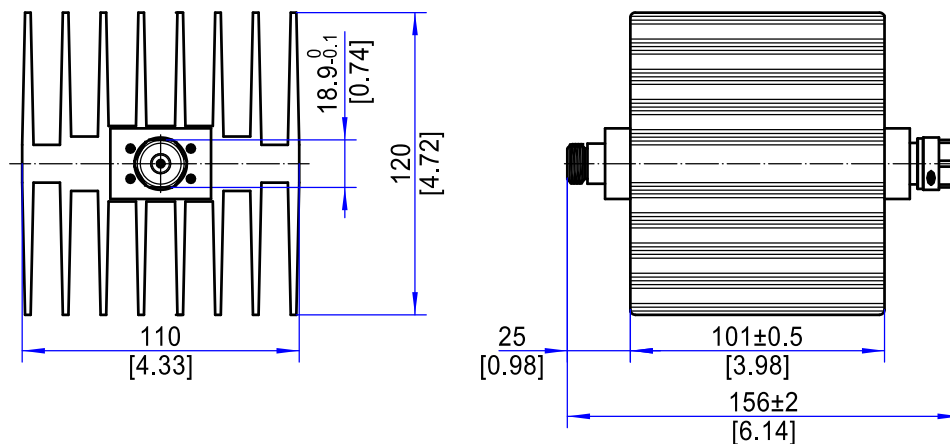
FSFA100-18-XX-N

Fixed Attenuator, DC~18GHz, 100W, N

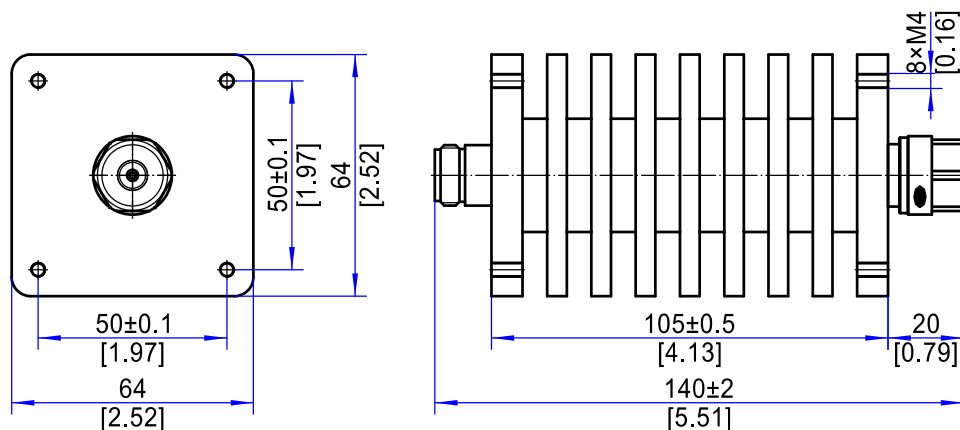
Electrical Specifications					
1	Nominal Impedance	50 Ω			
2	Average Power ¹	100W @ 25°C			
3	Peak Power	1KW (5 μs pulse width, 5% duty cycle)			
4	Frequency Range	DC~4GHz	DC~8GHz	DC~12.4GHz	DC~18GHz
5	VSWR	≤1.20	≤1.25	≤1.35	≤1.45
Environmental Specifications					
1	Operating Temperature	-55°C~+125°C			
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					
Attenuation (dB)	Accuracy(dB)				Dimension (mm/in)
	DC~4GHz	DC~8GHz	DC~12.4GHz	DC~18GHz	
6~10	±0.7	±0.8	±1.2	±1.5	Outline A: 156*110*120 [6.14*4.33*4.72] Outline B: 140*64*64 [5.51*2.52*2.52]
20	±0.7	±0.8	±0.9	±1.5	
30	±0.8	±0.9	±1.0	±1.3	
40	±0.8	±0.9	±1.0	±1.3	
50~60	±0.9~1.0	±1.0	±1.1	±1.4	

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

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



Outline A



Outline B

Ordering Information:

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

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

YY = Attenuation Value in dB

ZZ = Outline Option (B156:Outline A, B140: Outline B)

Example: 8GHz, 20dB, Outline A→**FSFA100-8-20-N-B156**