

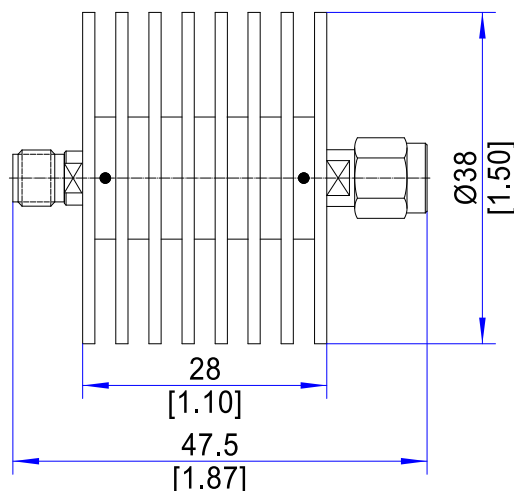
FSFA20-18-XX-S

Fixed Attenuator, DC-18GHz, 20W, SMA

Electrical Specifications					
1	Nominal Impedance	50 Ω			
2	Average Power ¹	20W @ 25°C			
3	Peak Power	500W (5 μs pulse width, 2% duty cycle)			
4	Frequency Range	DC~4GHz	DC~8GHz	DC~12.4GHz	DC~18GHz
5	VSWR	≤1.15	≤1.20	≤1.25	≤1.35
6	Attenuation	1~40dB			
Environmental Specifications					
1	Operating Temperature	-55°C~+125°C			
Mechanical Specifications					
1	Connectors	SMA(m) to SMA(f)-Standard, Polarity Customizable			
2	Body Material	Connector: Brass Heat Sink: Black Anodized Aluminum			
Attenuation, Accuracy & Length					
Attenuation (dB)	Accuracy(dB)				L (mm/in)
	DC-4GHz	DC-8GHz	DC-12.4GHz	DC-18GHz	
1~10	±0.4	±0.5	±0.6	±0.6	28/1.10
11~20	±0.5	±0.6	±0.7	±0.8	
21~30	±0.6	±0.8	±0.8	±1.0	
31~40	±0.7	±0.8	±0.9	±1.2	

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

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



Ordering Information:

Model: **FSFA20-XX-YY-S**

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

YY = Attenuation Value in dB

Example: 8GHz, 20 dB→**FSFA20-8-20-S**