

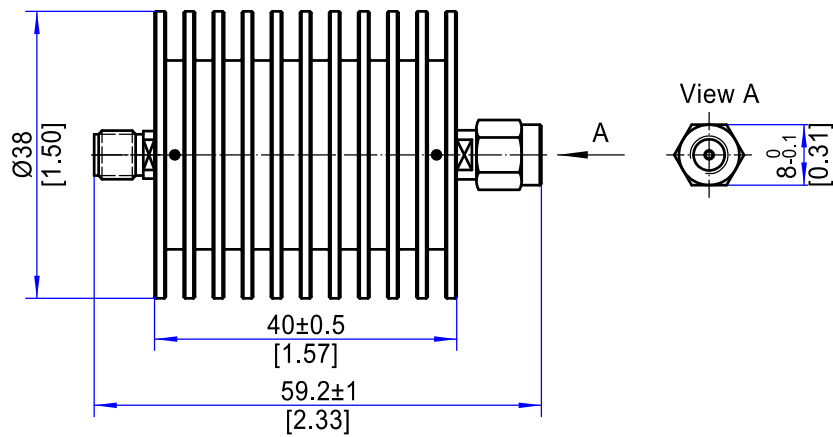
FSFA30-18-XX-S

Fixed Attenuator, DC~18GHz, 30W, SMA

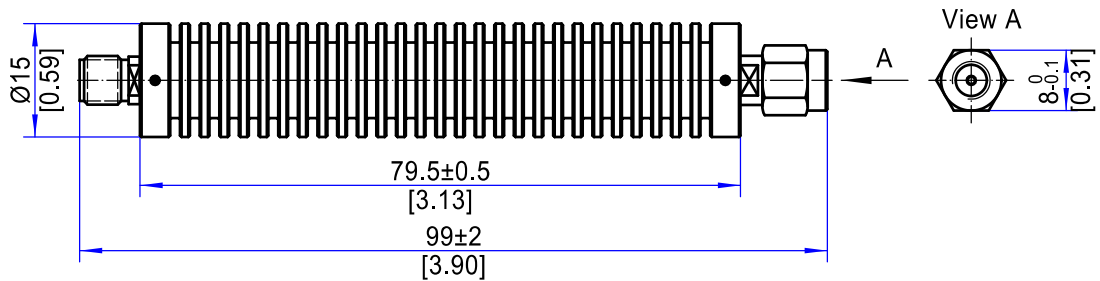
Electrical Specifications					
1	Nominal Impedance	50 Ω			
2	Average Power ¹	30W @ 25°C			
3	Frequency Range	DC~18GHz			
Environmental Specifications					
1	Operating Temperature	-55°C~+125°C			
Mechanical Specifications					
1	Connectors	SMA(m) to SMA(f)-Standard, Polarity Customizable			
2	Body Material	Connector: Brass Heat Sink: Black Anodized Aluminum			
Attenuation, Accuracy & Dimension					
Outline A:					
Attenuation (dB)	Accuracy(dB)				Dimension (mm/in)
	DC-4GHz	DC-8GHz	DC-12.4GHz	DC-18GHz	
1~10	±0.4	±0.5	±0.6	±0.6	Φ38*59.2 [Φ1.5*2.33]
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	
VSWR	≤1.15	≤1.20	≤1.25	≤1.35	
Outline B:					
Attenuation (dB)	Accuracy(dB)				Dimension (mm/in)
	DC-4GHz	DC-8GHz	DC-12.4GHz	DC-18GHz	
1~10	±0.4	±0.5	±0.6	±0.8	Φ15*99 [Φ0.59*3.90]
11~20	±0.5	±0.6	±0.7	±0.9	
21~30	±0.6	±0.8	±0.8	±1.0	
31~40	±0.7	±0.8	±0.9	±1.2	
VSWR	≤1.20	≤1.25	≤1.30	≤1.35	
Outline C:					
Attenuation (dB)	Accuracy(dB)				Dimension (mm/in)
	DC-4GHz	DC-8GHz	DC-12.4GHz	DC-18GHz	
1~10	±0.4	±0.5	±0.6	±0.8	Φ38*110 [Φ1.5*4.33]
20	±0.5	±0.6	±0.7	±0.9	
30	±0.7	±0.8	±0.8	±1.0	
40	±0.7	±0.8	±1.0	±1.2	
50~60	±0.7	±0.8	±1.0	±1.3	
VSWR	≤1.20	≤1.25	≤1.35	≤1.45	

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

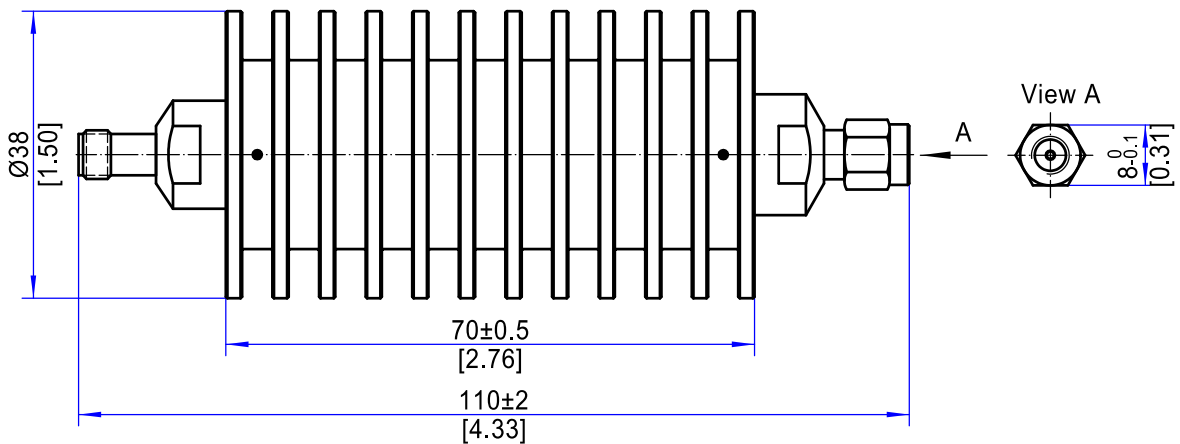
Outline Drawing (Units: mm/[inch], Tolerance: $\pm 2\%$)



Outline A



Outline B



Outline C

Ordering Information:

Model: **FSFA30-XX-YY-S-ZZ**

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

YY = Attenuation Value in dB

ZZ = Outline Option(C59: Outline A, C99: Outline B, C110: Outline C)

Example: 8GHz, 20 dB, Outline A→**FSFA30-8-20-S-C59**