

FSFA20-18-XX-S

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

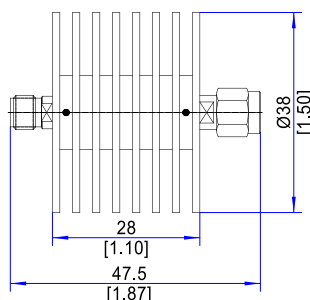
Electrical Specifications		
1	Frequency Range	DC-18 GHz
2	Nominal Impedance	50 Ω
3	Average Power	20 W at 25 °C
4	Peak Power	500 W (5 μ s pulse width, 2% duty cycle)
5	Attenuation Value	1-40 dB

Attenuation, Accuracy & VSWR

Frequency Range (GHz)	VSWR (Max.)	Attenuation & Accuracy (dB)			
		1-10	11-20	21-30	31-40
DC-4	1.15:1	± 0.4	± 0.5	± 0.6	± 0.7
DC-8	1.20:1	± 0.5	± 0.6	± 0.8	± 0.8
DC-12.4	1.25:1	± 0.6	± 0.7	± 0.8	± 0.9
DC-18	1.35:1	± 0.6	± 0.8	± 1.0	± 1.2

Environmental Specifications		
1	Operating Temperature	-55 °C to +125 °C
Mechanical Specifications		
1	Connectors	SMA Male to SMA Female (Standard) (Connector Configuration Customizable)
2	Outer Conductor	Brass
3	Heat Sink	Black Anodized Aluminum
4	Cooling Method	Natural Convection
5	Dimensions	$\varnothing 38$ x 47.5 mm [$\varnothing 1.5$ x 1.87 in]

Outline Drawing (Dimensions in mm [in], Tolerance: $\pm 2\%$)



Ordering Information:

Model: **FSFA20-FF-XX-CC**

FF = Frequency Options (4, 8, 12.4, or 18 GHz)

XX = Attenuation Value in dB

CC = Connector Configuration (S=SMA Male - Female, SFSF=SMA Female - Female)

Example: 8 GHz, 20 dB, SMA(m)-SMA(f)→**FSFA20-8-20-S**