

FSFA50-18-XX-N

Coaxial Fixed Attenuator, DC-18 GHz, 50 W, N

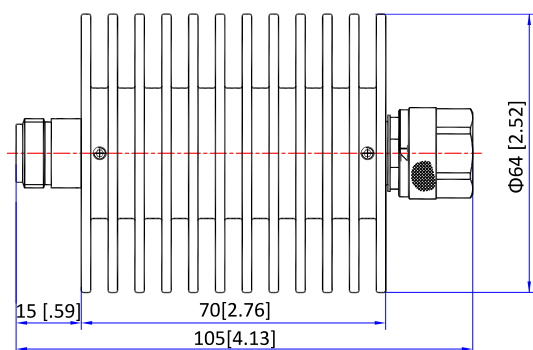
Electrical Specifications		
1	Frequency Range	DC-18 GHz
2	Nominal Impedance	50 Ω
3	Average Power	50 W at 25 °C
4	Attenuation Value	1-10, 20, 30, 40-50 dB

Attenuation, Accuracy & VSWR

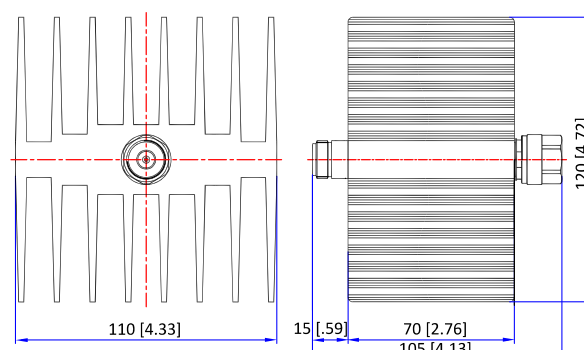
Frequency Range (GHz)	VSWR (Max.)	Attenuation & Accuracy (dB)			
		1-10	20	30	40-50
DC-4	1.20:1	± 0.4	± 0.5	± 0.7	± 0.7
DC-8	1.25:1	± 0.5	± 0.6	± 0.8	± 0.8
DC-12.4	1.35:1	± 0.6	± 0.7	± 0.8	± 1.0
DC-18	1.45:1	± 0.8	± 0.9	± 1.0	$\pm (1.2-1.3)$

Environmental Specifications		
1	Operating Temperature	-55 °C to +125 °C
Mechanical Specifications		
1	Connectors	N Male to N Female (Standard) (Connector Configuration Customizable)
2	Outer Conductor	Brass
3	Heat Sink	Black Anodized Aluminum
4	Cooling Method	Natural Convection
5	Dimensions	Outline A $\varnothing 64 \times 105$ mm
		Outline B 105 x 110 x 120 mm

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



Outline A: Cylindrical Heatsink



Outline B: Block Heatsink

Ordering Information:

Model: **FSFA50-FF-XX-CC-[Options]**

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

XX = Attenuation Value in dB

CC = Connector Configuration (N=N Male - Female, NFNF=N Female - Female)

Options = Outline Option (C=Outline A, B=Outline B)

Example: 8 GHz, 10 dB, N(m)-N(f), Outline A→**FSFA50-8-10-N-C**