

FSFA800-8-XX-CC

Coaxial Fixed Attenuator, DC-8 GHz, 800 W

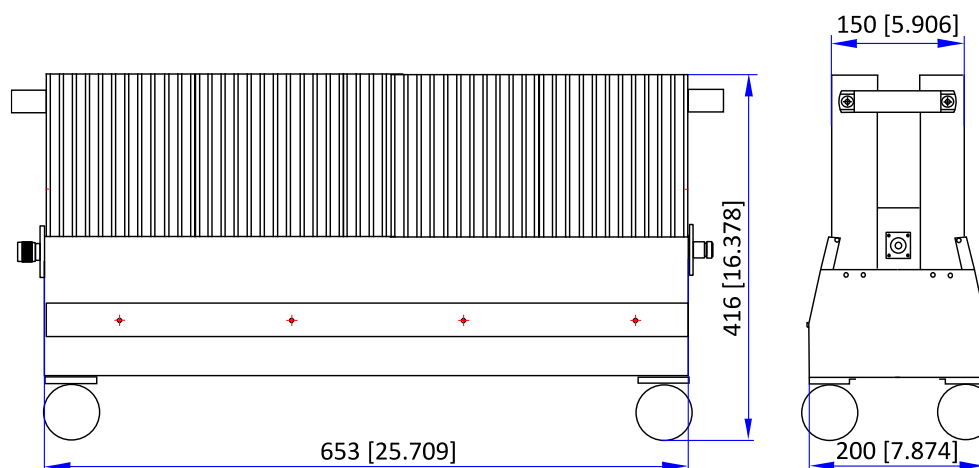
Electrical Specifications		
1	Frequency Range	DC-8 GHz
2	Nominal Impedance	50 Ω
3	Average Power ¹	800 W at 25 °C
4	Peak Power	5 kW (5 μ s pulse width, 10% duty cycle)
5	Attenuation Value	40, 50 dB

Note 1: Power derated linearly to 80 W at +125 °C

Attenuation, Accuracy & VSWR			
Frequency Range(GHz)	VSWR (Max.)	Attenuation & Accuracy (dB)	
		40	50
DC-4	1.35:1	-	± 1.0
DC-6	1.45:1	-	± 1.0
DC-8	1.45:1	-	± 1.5

Environmental Specifications		
1	Operating Temperature	-55 °C to +125 °C
Mechanical Specifications		
1	Connectors	N; 7/16 DIN (Connector Configuration Customizable)
2	Inner Conductor	Male: Gold-plated Brass Female: Gold-plated Beryllium Copper
3	Outer Conductor	Nickel Plated Brass
4	Enclosure	Black Anodized Aluminum
5	Dimensions	653 x 200 x 416 mm [25.71 x 7.87 x 16.38 in]
6	Weight	Approx. 25.2 kg

Outline Drawing (Dimensions in mm [in], Tolerance: $\pm 3\%$)



Ordering Information:

Model: **FSFA800-FF-XX-CC**

FF = Frequency Options (4, 6, or 8 GHz)

XX = Attenuation Value in dB

CC = Connector Configuration

- N=N Male - Female; NFNF=N Female - Female
- 7=7/16 DIN Male - Female; 7F7F=7/16 DIN Female - Female

Example: 8GHz, 50dB, 7/16 DIN (f)-7/16 DIN (f)→FSFA800-8-50-7F7F