

FSFA1K-3-XX-CC

Coaxial Fixed Attenuator, DC-3 GHz, 1 kW

Electrical Specifications		
1	Frequency Range	DC-3 GHz
2	Nominal Impedance	50 Ω
3	Average Power ¹	1 kW at 25 °C
4	Peak Power	10 kW (5 μ s pulse width, 10% duty cycle)
5	VSWR	1.40:1 Max.
6	Attenuation Value	20, 30, 40, 50 dB

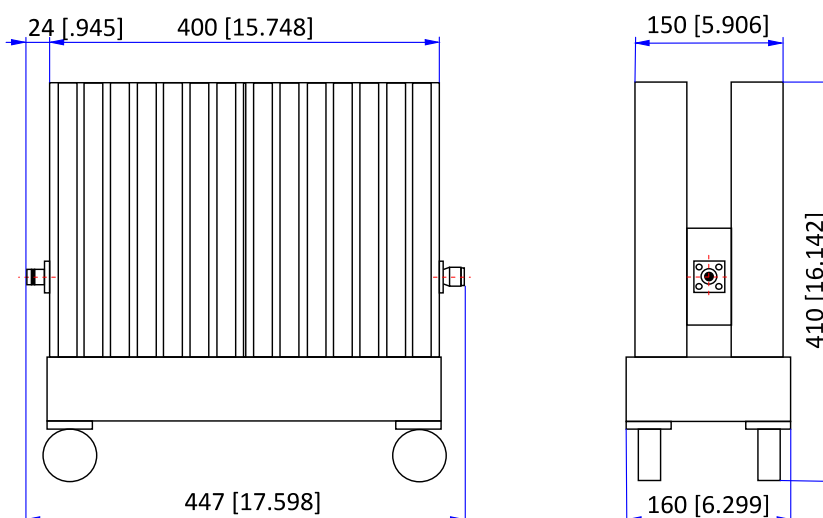
Note 1: Power derated linearly to 100 W at +125 °C

Attenuation Accuracy

Attenuation (dB)	20	30	40	50
Accuracy (dB)	-	-	± 2.0	± 2.0

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	447 x 160 x 410 mm [17.60 x 6.30 x 16.14 in]
6	Weight	Approx. 20 kg

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



Ordering Information:

Model: **FSFA1K-3-XX-CC**

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: 30 dB, 7/16 DIN (f)-7/16 DIN (f)→**FSFA1K-3-30-7F7F**