

FSFA30-40-XX-K

Coaxial Fixed Attenuator, DC-40 GHz, 30 W, 2.92mm

Electrical Specifications		
1	Frequency Range	DC-40 GHz
2	Nominal Impedance	50 Ω
3	Average Power ¹	30 W at 25 °C
4	Peak Power	200 W (5 μ s pulse width, 10% duty cycle)
5	VSWR	1.35:1 Max.
6	Attenuation Value	20, 30, 40 dB

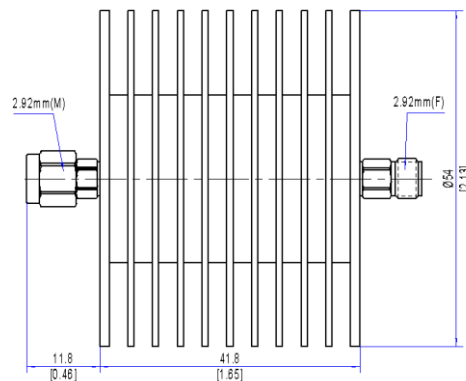
Note 1: Power derated linearly to 3 W at +125 °C

Attenuation Accuracy

Attenuation (dB)	20	30	40
Accuracy (dB)	-1.5/+2.0	-1.5/+2.0	-1.5/+2.0

Environmental Specifications		
1	Operating Temperature	-55 °C to +125 °C
Mechanical Specifications		
1	Connectors	2.92mm Male to 2.92mm Female (Standard) (Connector Configuration Customizable)
2	Outer Conductor	Passivated Stainless Steel
3	Heat Sink	Black Anodized Aluminum
4	Insulators	PEI
5	Inner Conductor	Gold-plated Brass; Gold-plated Beryllium Brass
6	Dimensions	Ø54 x 41.8 mm [Ø2.13 x 1.65 in]-Excluding Connectors

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



Ordering Information:

Model: **FSFA30-40-XX-CC**

XX = Attenuation Value in dB

CC = Connector Configuration (K=2.92mm Male - Female, KFKF=2.92mm Female - Female)

Example: 20 dB, 2.92mm (m)-2.92mm (f)→**FSFA30-40-20-K**