

## Features:

- DC to 6GHz Frequency range
- Max power: +27dBm
- $\pm 1$  dB accuracy
- Custom Attenuation Available

## Description:

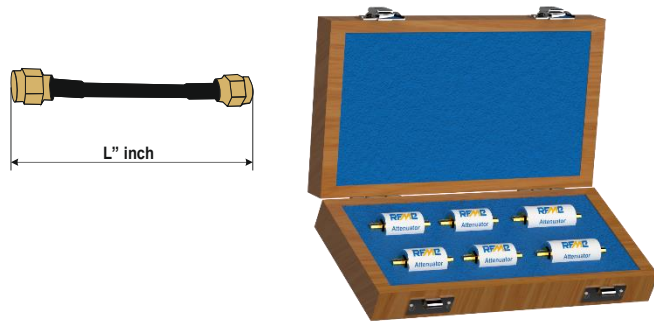
The RFATFDC-608-XX is a Fix Attenuator operates from DC to 6GHz frequency range. It provides 3dB to 30 dB attenuation. The same features that make the model RFATFDC-608-XX a good choice for a lab.

## Applications:

- Microwave radio & very small Aperture terminals (VSATs)
- Cellular infrastructure
- Test equipment & sensors
- IF & RF designs

## Optional Accessories:

- SMA(M) to SMA(M) 50 Ohms cable as per user requirement (Figure. 1)
- SMA Adaptor Kit
- Attenuator Kit (Figure. 2)



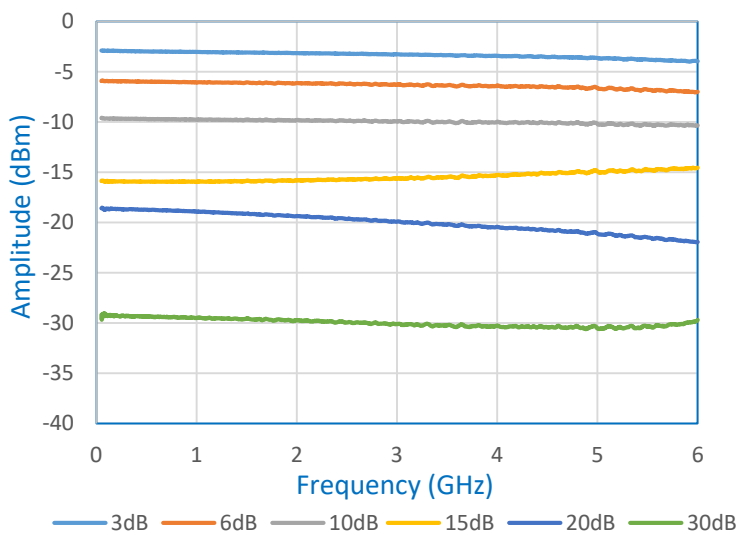
## Electrical Specifications:

Frequency Range:	DC to 6 GHz
Attenuation Flatness (XX) :	3dB/6dB/10dB/15dB: $\pm 1$ dB 20 dB: $\pm 2$ dB 30 dB: $\pm 1.5$ dB
Input Power:	+27dBm (Max.)
Return Loss :	-14 dB Min @ 3dB -15 dB Min @ 6 dB -15 dB Min @ 10 dB -15 dB Min @ 15 dB -15 dB Min @ 20 dB -10 dB Min @ 30 dB
In / Out Impedance:	Typical 50 Ohm
Operating temperature:	0 °C to 50 °C
In / Out Connector:	SMA (F)

## Mechanical Specifications:

Dimension (mm):		
For 3/6/10/15 dB - (A)	(A) = 30	
For 20 dB / 30 dB - (B)	(B) = 40	
Shape:	Cylindrical Shape	
Weight:	70 gm	

### FREQUENCY VS ATTENUATION



### FREQUENCY VS RETURN LOSS

