

Fix Attenuator RFATFDC-608-XX

Features:

- DC to 6GHz Frequency range •
- Max power: +27dBm
- ±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.

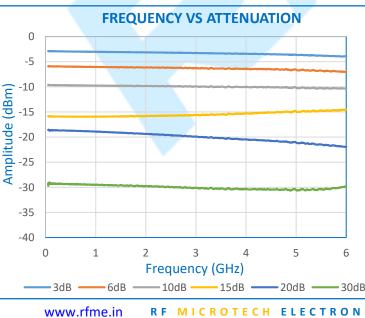
Applications:

- 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: ±1 dB	
			20 dB: ± 2 dB	
			30 dB: ± 1.5dB	
	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:	2	Typical 50 Ohm	
	Operating temperature:		0 °C to 50 °C	
	In / Out Connector:		SMA (F)	
	Mechanical Specifications	al Specifications:		
	Di <mark>mension</mark> (mm):			
			Ø = 19	
	For <mark>3/6/</mark> 10/15 dB -	_	= 30	
	(A)		= 40	
	For 20 dB / 30 dB -	-	A/B	
	(B)			
	(-)		<u> </u>	
	Shape:		Cylindrical Shape	
	· · ·		· · ·	
	Weight: 70 gm			
FREQUENCY VS RETURN LOSS				
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	-10			
	<u>ج</u>			
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Frequency (GHz)

4

-15dB

5

20dB

6

30dB

RF MICROTECH ELECTRONICS, VADODARA, GUJARAT, INDIA. sales@rfme.in

-30 Amplitu

.40

-50

0

3dB

1

6dB

2

- 10dB

A. Electrical specification and Performance data contained in this specification document are based on RFME's applicable established test performance criteria and measurement instruction. B. The parts covered by this specification document are subject to RFME standard limited warranty and terms & conditions.