BT-100V2A6G High Voltage Bias Tee



1. Description

The BT-100V2A6G is a wide-band bias tee designed to bias High Voltage Pulsed measurements, such as TLP. It comes housed in a shielded package 52mm x 34mm x 32mm. The BT-100V2A6G is impedance matched for 50 Ohms. This is the folded version of the ES62X-BT2 Bias Tee configured with the BT-I330 inductor module.

2. Features

- 10 kHz to 6 GHz range
- Handles up to a 3 kV pulsed signal
- Impedance matched for 50 Ohms
- High DC ratings

3. Applications

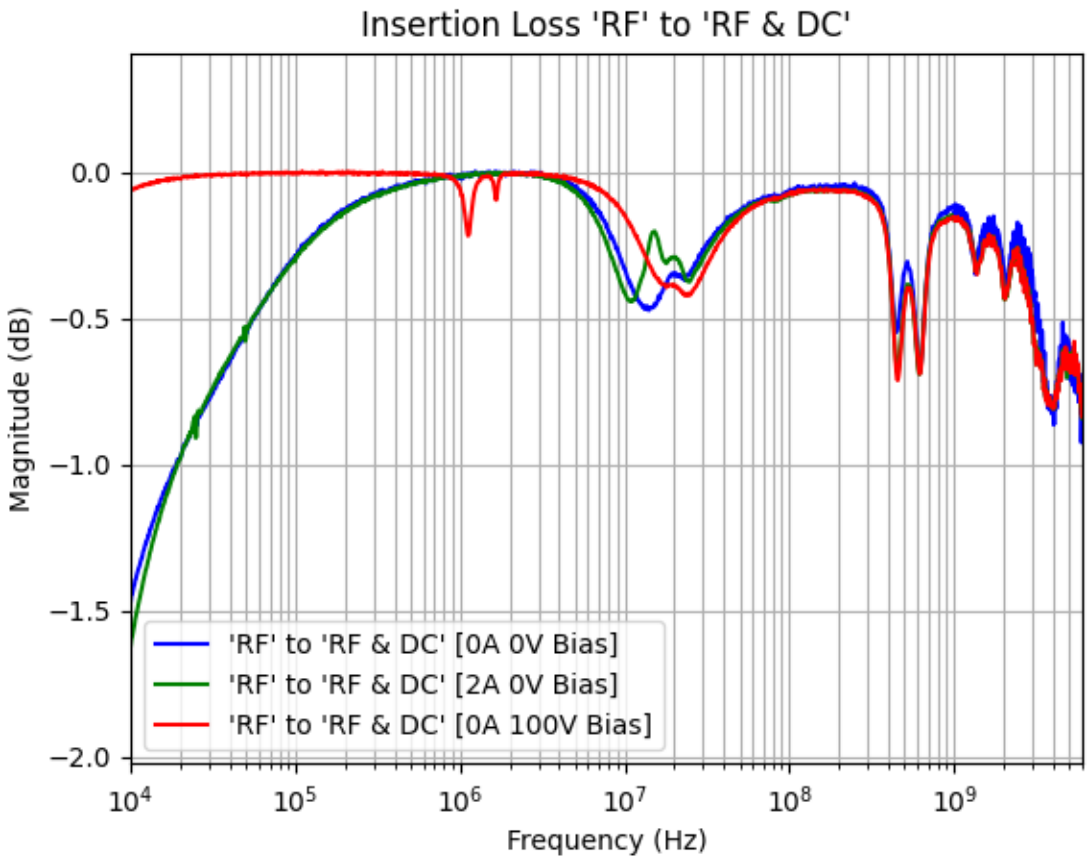
- Biasing HV Pulsed
- DC blocking
- Biasing RF signals

ESDEMC Technology LLC, 2001 Forum Drive, Rolla, MO 65409, USA
www.esdemc.com Tel: (+1)-573-202-6411 Fax: (+1) 877-641-9358 Email: info@esdemc.com

4. Specifications

Parameters	Nominal Values	Unit	Comments
Operating temperature	0 to 60	℃	
Max DC input current	2	A	
Max DC input voltage	100	V	
Max TLP current	100	A	
Bandwidth	10k – 6G	Hz	
Max insertion loss	2	dB	Within 10 kHz - 6 GHz

Typical Frequency Response Curves:



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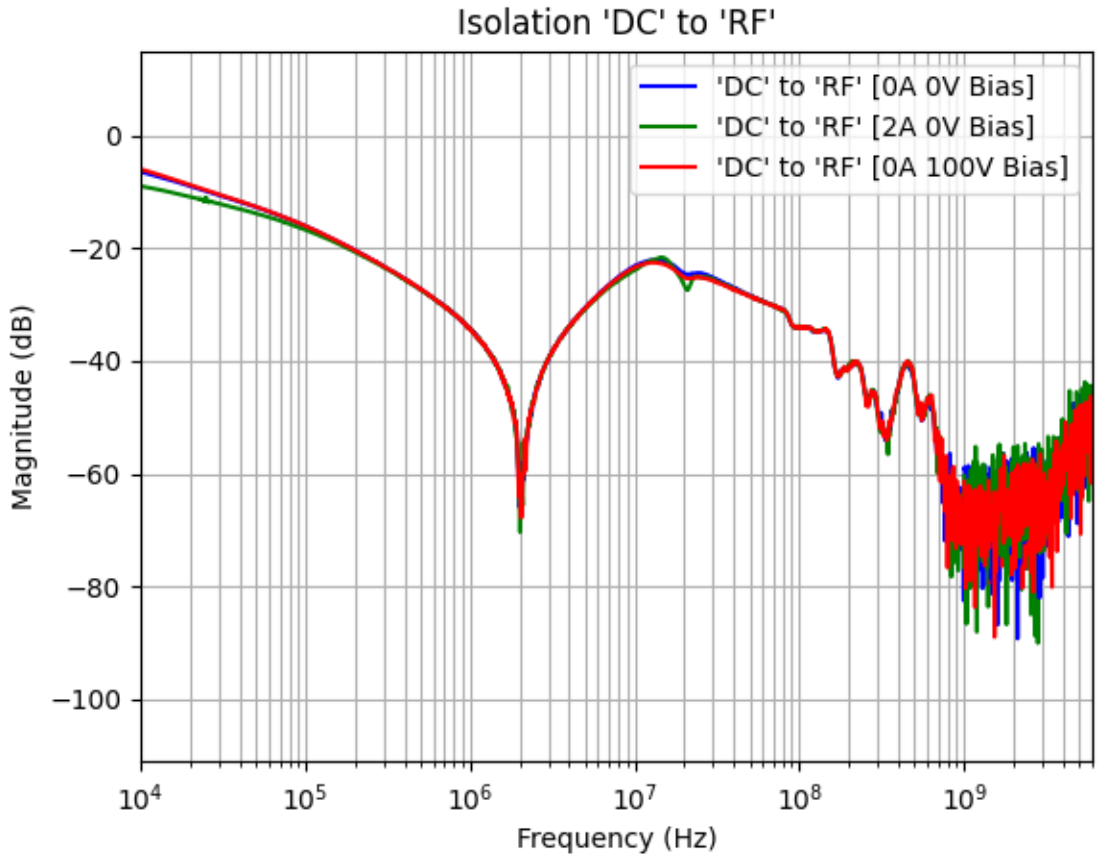

5. Ordering Information

Part Number	Description	Status
BT-100V2A6G	Wide band bias tee used to bias TLP and HMM measurements	Active

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