

SMA Bias Tee From 100 MHz to 6 GHz Rated To 500 mA And 50 Volts DC

Electrical Specifications*

Description	Min	Typ	Max	Units
Frequency Range	100 MHz		6 GHz	
RF Port VSWR			1.5:1	
RF to Bias Isolation	1.5			dB
RF Input Power			1	Watts
DC Voltage			50	Volts
DC Current			500	mA

*(Values at 25°C, sea level)

Mechanical Specifications

Temperature

Operating Range -20 to +65 deg C

Size

Length 1.25 in [31.75 mm]
 Width/Dia. 1.25 in [31.75 mm]
 Height 0.75 in [19.05 mm]
 Weight 0.0995 lbs [45.13 g]

Connectors

RF Connector

Description	Connector
Type	SMA Female

RF/DC Connector

Description	Connector
Type	SMA Female

DC Port

Description	Port
Type	Pin Female



Features:

- RF Connector: SMA Female
- RF Connector Impedance: 50 Ohms
- DC/RF Connector: SMA Female
- DC/RF Connector Impedance: 50 Ohms
- DC Port: Pin Female

Compliance Certifications (see [product page](#) for current document)

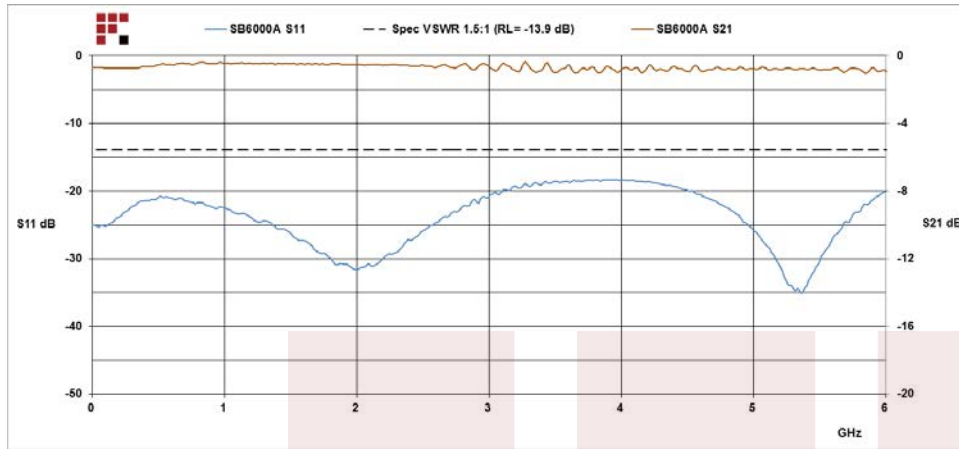
Plotted and Other Data

Notes:

- Values at 25 °C, sea level

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Typical Performance Data

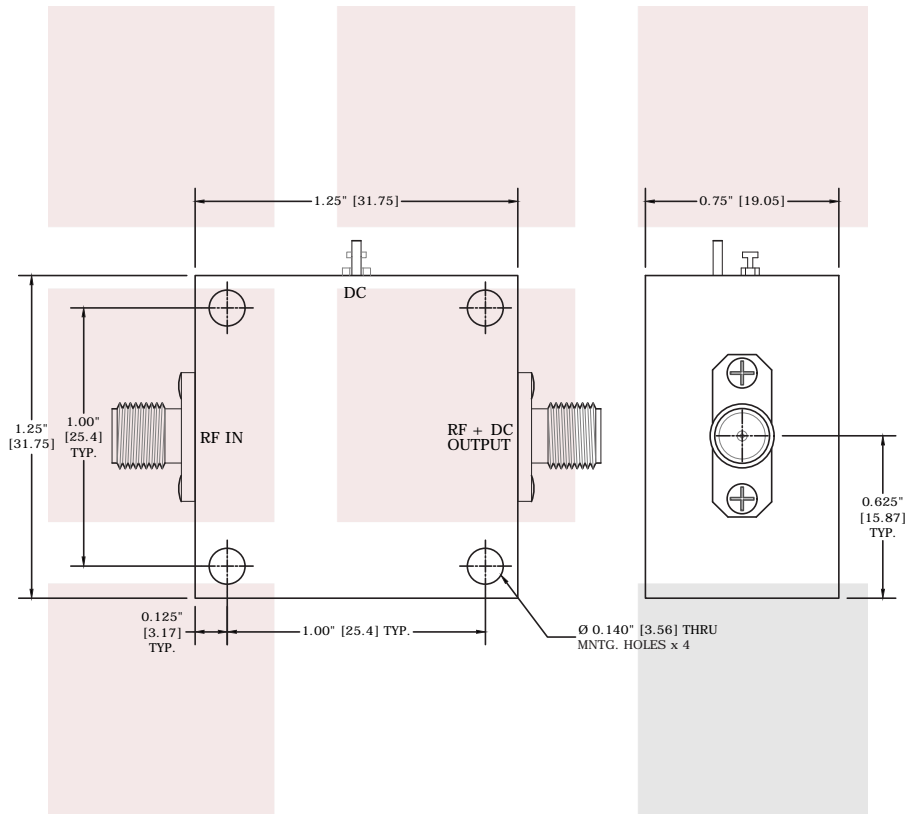


SMA Bias Tee From 100 MHz to 6 GHz Rated To 500 mA And 50 Volts DC from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMA Bias Tee From 100 MHz to 6 GHz Rated To 500 mA And 50 Volts DC SB6000A](https://www.fairviewmicrowave.com/sma-bias-tee-100-mhz-6-ghz-500-ma-50-volts-dc-sb6000a-p.aspx)

URL: <https://www.fairviewmicrowave.com/sma-bias-tee-100-mhz-6-ghz-500-ma-50-volts-dc-sb6000a-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.



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NOTES:
 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
 3. DIMENSIONS ARE IN INCHES [mm].

TITLE
 SMA Bias Tee From 100 MHz to 6 GHz Rated To 500 mA And 50 Volts DC

DWG NO SB6000A		CAGE CODE 3FKR5		
CAD FILE 011415	SHEET	SCALE N/A	SIZE A	5568