

## SMA Bias Tee From 10 MHz to 3 GHz Rated To 3000 mA And 50 Volts DC

### Electrical Specifications\*

Description	Min	Typ	Max	Units
Frequency Range	10 MHz		3 GHz	
RF Port VSWR			1.6:1	
RF to Bias Isolation	25			dB
DC Voltage			50	Volts
DC Current			3,000	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 0.1164 lbs [52.8 g]

#### Connectors

##### RF Connector

Description	Connector
Type	SMA Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Passivated Stainless Steel

##### RF/DC Connector

Description	Connector
Type	SMA Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Passivated Stainless Steel

#### DC Port

Description	Port
Type	Pin Female

### Compliance Certifications (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

RoHS Compliant Yes  
REACH Compliant 12/17/2015



### 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

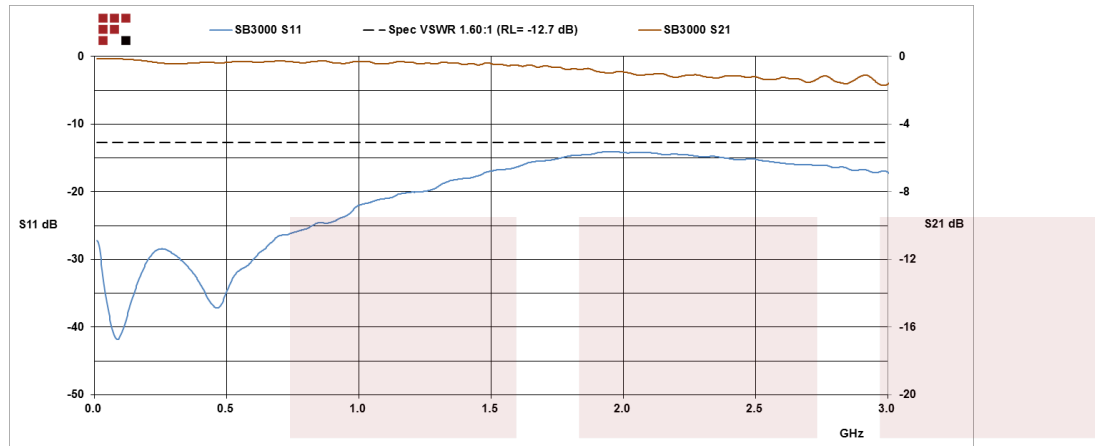
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## Plotted and Other Data

Notes:

- Values at 25 °C, sea level

## Typical Performance Data

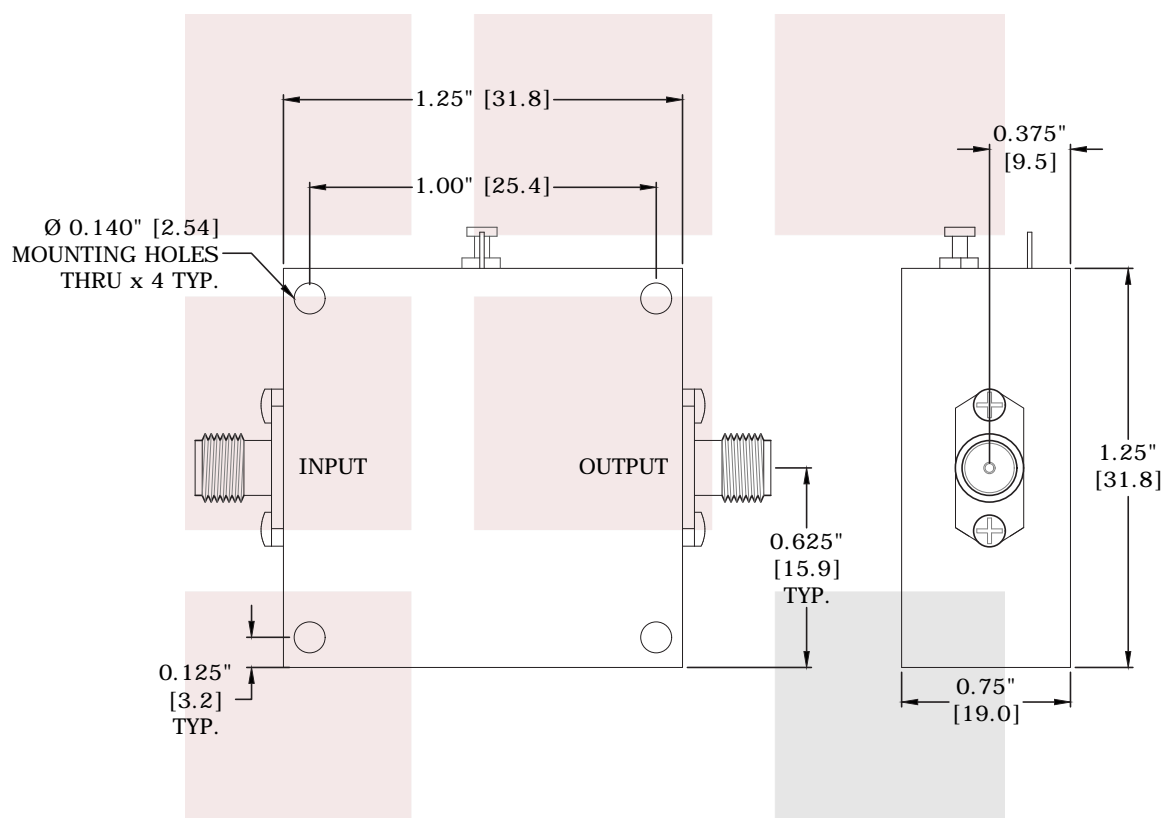


SMA Bias Tee From 10 MHz to 3 GHz Rated To 3000 mA And 50 Volts DC from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMA Bias Tee From 10 MHz to 3 GHz Rated To 3000 mA And 50 Volts DC SB3000](http://www.fairviewmicrowave.com/sma-bias-tee-10-mhz-3-ghz-3000-ma-50-volts-dc-sb3000-p.aspx)

URL: <http://www.fairviewmicrowave.com/sma-bias-tee-10-mhz-3-ghz-3000-ma-50-volts-dc-sb3000-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.



## FAIRVIEW MICROWAVE INC.

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### TITLE

SMA Bias Tee From 10 MHz to 3 GHz Rated To 3000 mA And 50 Volts DC

### 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].

### DWG NO

SB3000

### CAGE CODE

3FKR5

### CAD FILE

012216

### SHEET

### SCALE

N/A

### SIZE

A

5568