

SMA Bias Tee From 0.1 MHz to 18 GHz Rated To 700 mA And 50 Volts DC

Electrical Specifications*

Description	Min	Typ	Max	Units
Frequency Range	100 KHz		18 GHz	
RF Port VSWR			1.6:1	
RF to Bias Isolation	40			dB
DC Voltage			50	Volts
DC Current			700	mA

*(Values at 25°C, sea level)

Mechanical Specifications

Temperature

Operating Range -55 to +120 deg C

Size

Length 1.2 in [30.48 mm]
 Width/Dia. 0.63 in [16 mm]
 Height 0.5 in [12.7 mm]
 Weight 0.05 lbs [22.68 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
Torque	8 in-lbs [0.9 Nm]

RF/DC Connector

Description	Connector
Type	SMA Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Passivated Stainless Steel
Torque	in-lbs [0.9 Nm]

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 (visit www.FairviewMicrowave.com for current document)

RoHS Compliant Yes
 REACH Compliant 12/17/2015

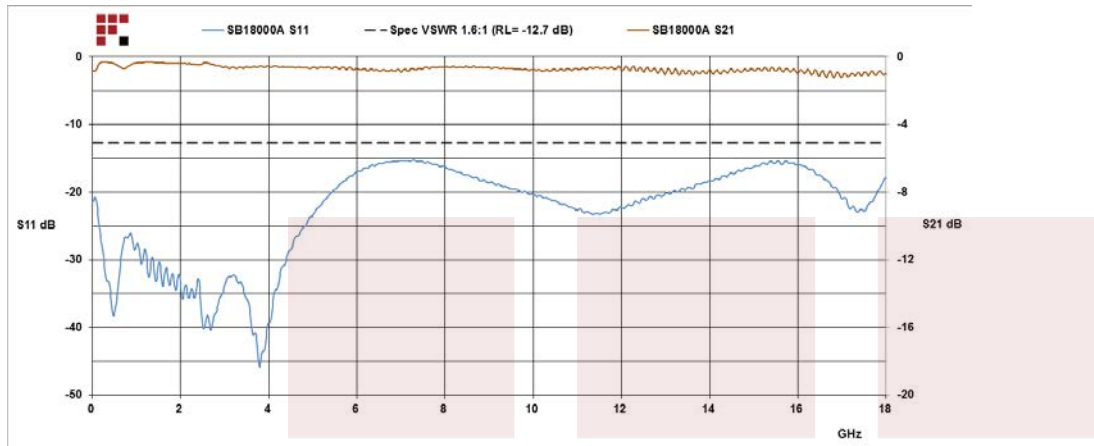
Fairview Microwave
 1130 Junction Dr. #100
 Allen, TX 75013
 Tel: 1-800-715-4396 / (972) 649-6678
 Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Plotted and Other Data

Notes:

- Values at 25 °C, sea level

Typical Performance Data

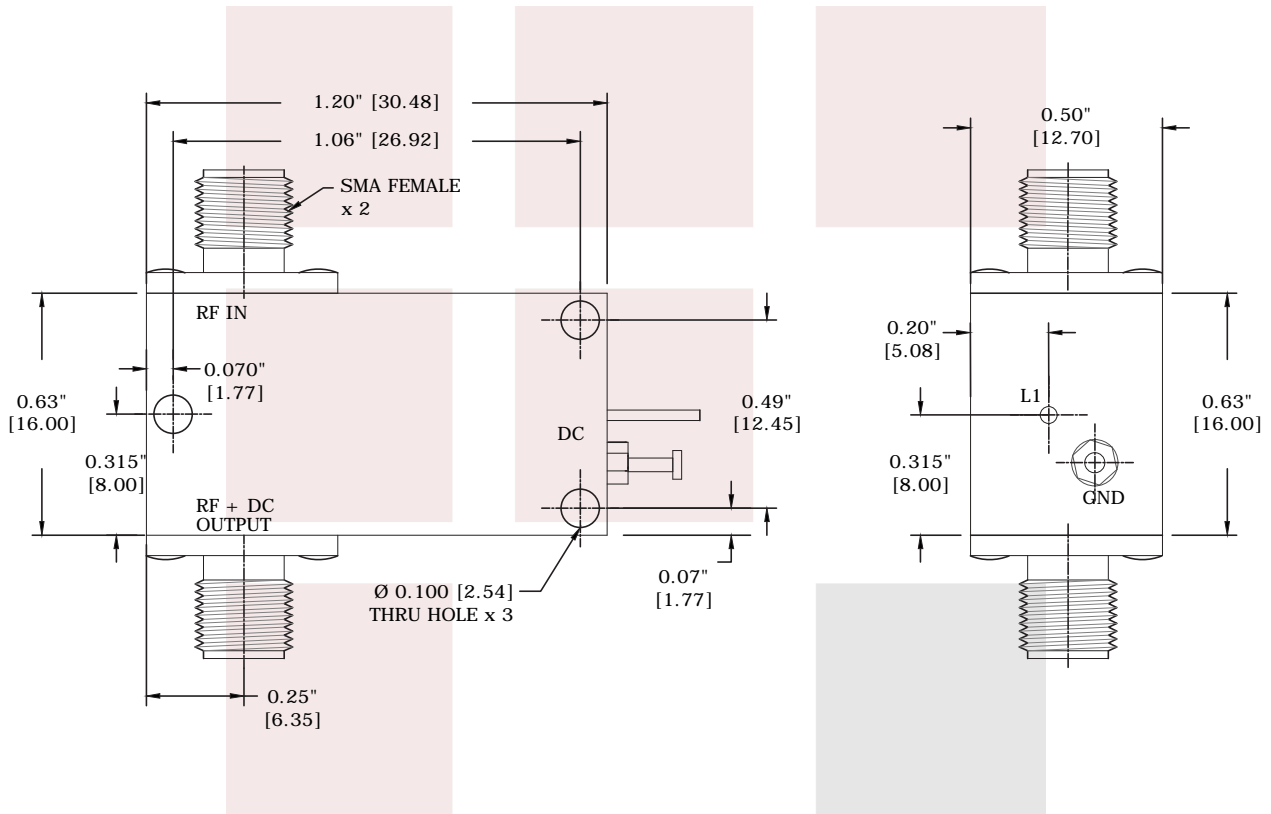


SMA Bias Tee From 0.1 MHz to 18 GHz Rated To 700 mA And 50 Volts DC from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMA Bias Tee From 0.1 MHz to 18 GHz Rated To 700 mA And 50 Volts DC SB18000A](http://www.fairviewmicrowave.com/sma-bias-tee-0.1-mhz-18-ghz-700-ma-50-volts-dc-sb18000a-p.aspx)

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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.

ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM

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 0.1 MHz to 18 GHz Rated To 700 mA And 50 Volts DC

DWG NO

SB18000A

CAGE CODE

3FKR5

CAD FILE

011415

SHEET

SCALE

N/A

SIZE

A

5568