

**N Bias Tee From 10 MHz to 3 GHz Rated To 1000 mA  
And 72 Volts DC**

**Electrical Specifications\***

Description	Min	Typ	Max	Units
Frequency Range	0.01		3	GHz
RF Port VSWR			1.2	
Insertion Loss			1	dB
RF Input Power			5	Watts
DC Voltage			72	Volts
DC Current			1,000	mA

(Values at 25°C, sea level)

**Mechanical Specifications**

**Temperature**

Operating Range -40 to +65 deg C

**Size**

Length 2.9 in [73.66 mm]  
Width/Dia. 0.78 in [19.81 mm]  
Height 1.58 in [40.13 mm]

**Connectors**

**RF Connector**

Description	Connector
Type	N Male
Inner Conductor Material and Plating	Brass, Gold
Coupling Nut Material and Plating	Brass, Nickel
Body Material and Plating	Aluminum, Nickel

**RF/DC Connector**

Description	Connector
Type	N Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Brass, Nickel

**DC Port**

Description	Port
Type	Pin Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Brass, Nickel

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

RoHS Compliant Yes



**Features:**

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

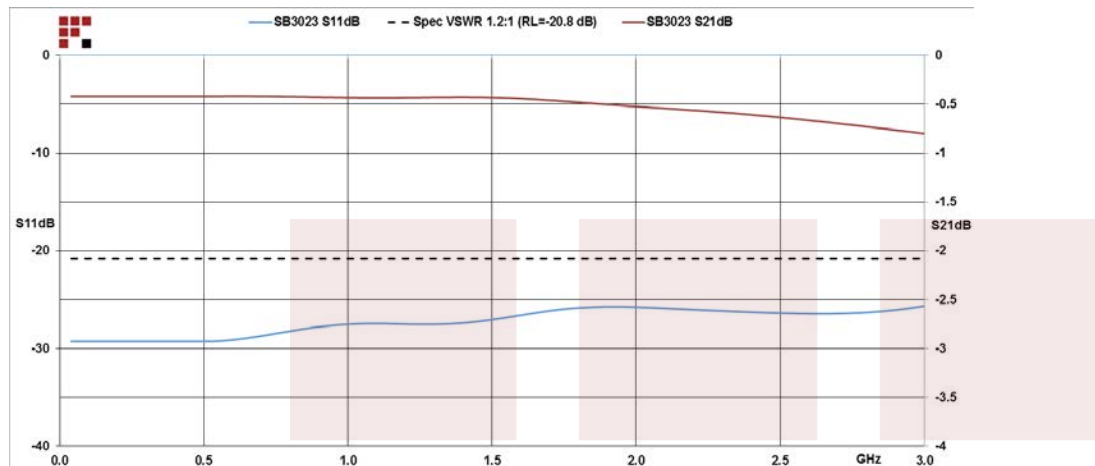
Fairview Microwave  
1130 Junction Dr. #100  
Allen, TX 75013  
Tel: 1-800-715-4396 / (972) 649-6678  
Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

## Plotted and Other Data

Notes:

- Values at 25 °C, sea level

### Typical Performance Data

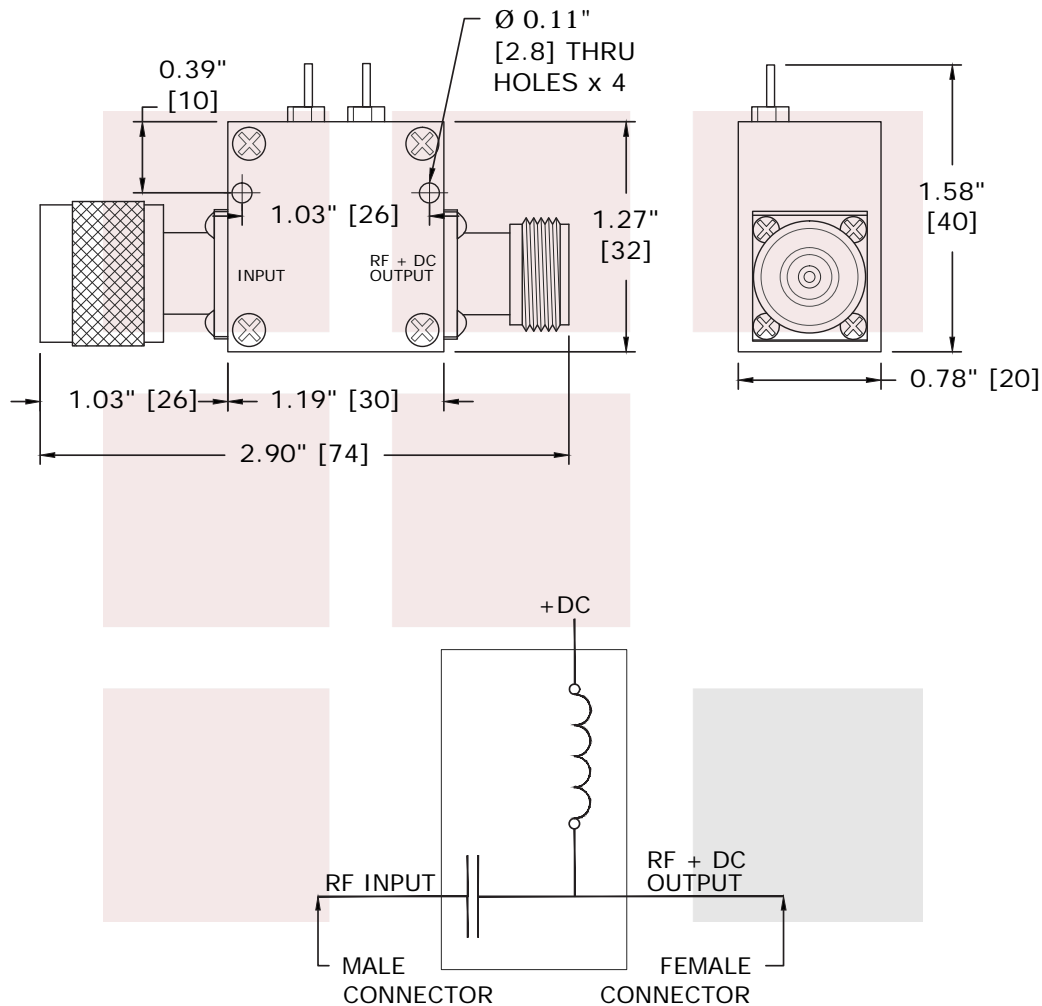


N Bias Tee From 10 MHz to 3 GHz Rated To 1000 mA And 72 Volts DC from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Bias Tee From 10 MHz to 3 GHz Rated To 1000 mA And 72 Volts DC SB3023](http://www.fairviewmicrowave.com/n-bias-tee-10-mhz-3-ghz-1000-ma-72-volts-dc-sb3023-p.aspx)

URL: <http://www.fairviewmicrowave.com/n-bias-tee-10-mhz-3-ghz-1000-ma-72-volts-dc-sb3023-p.aspx>

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## FAIRVIEW MICROWAVE INC.

ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM

TITLE  
N Bias Tee From 10 MHz to 3 GHz Rated To 1000 mA  
And 72 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

SB3023

CAGE CODE

3FKR5

CAD FILE

011415

SHEET

SCALE N/A

SIZE A

5568