

SMA Bias Tee From 500 MHz to 10 GHz Rated To 700 mA And 50 Volts DC

Electrical Specifications*

Description	Min	Typ	Max	Units
Frequency Range	500 MHz		10 GHz	
RF Port VSWR			1.6:1	
RF to Bias Isolation	40			dB
RF Input Power			5	Watts
DC Voltage			50	Volts
DC Current			700	mA

(Values at 25°C, sea level)

Mechanical Specifications

Temperature

Operating Range	-25 to +80 deg C
Storage Range	-55 to +150 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	0.0464 lbs [21.05 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



Features:

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

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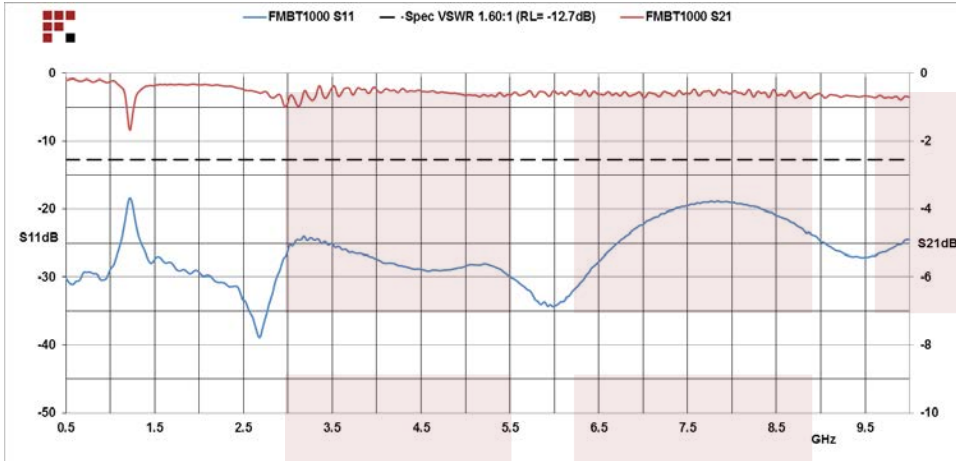
Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant Yes
 REACH Compliant 12/17/2015

Plotted and Other Data

Notes:
 • Values at 25 °C, sea level

Typical Performance Data

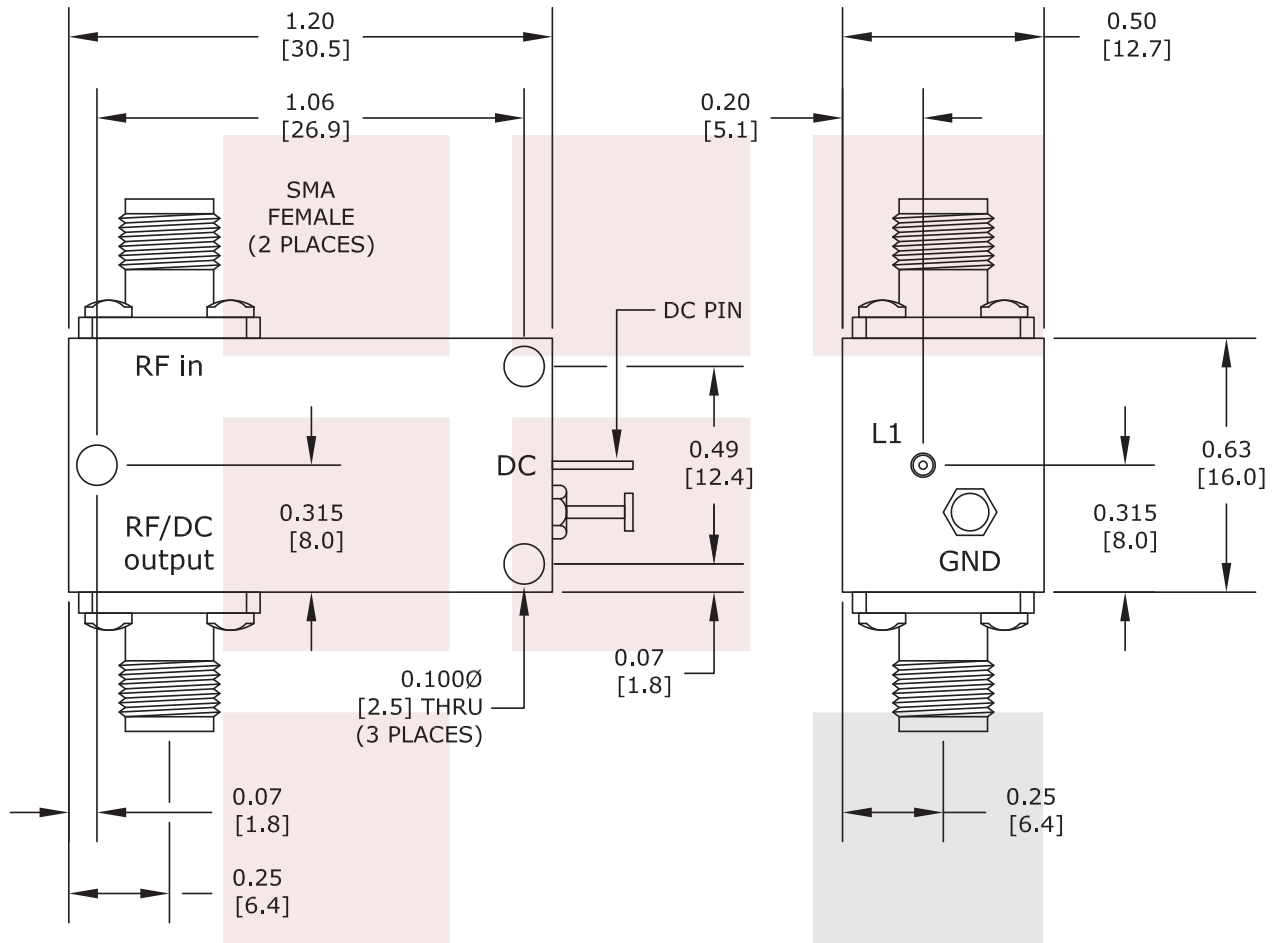


SMA Bias Tee From 500 MHz to 10 GHz Rated To 700 mA And 50 Volts DC from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMA Bias Tee From 500 MHz to 10 GHz Rated To 700 mA And 50 Volts DC FMBT1000](http://www.fairviewmicrowave.com/sma-bias-tee-500-mhz-10-ghz-700-ma-50-volts-dc-fmbt1000-p.aspx)

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TITLE SMA Bias Tee From 500 MHz to 10 GHz Rated To 700 mA And 50 Volts DC	DWG NO FMBT1000	CAGE CODE 3FKR5			
CAD FILE 042016	SHEET	SCALE N/A	SIZE A	XXXXX	