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Find the *Fairview Microwave / S.M. Electronics SM4942* at our website: ***Click HERE***

Fairview Microwave
RF COMPONENTS ON DEMAND. Done!

SM4942
DATA SHEET

SMA T Adapter Female Female Female

SMA T adapter female female female part number SM4942 from Fairview Microwave is in-stock and ships same day. This Fairview SMA T adapter has a female-female-female gender configuration. Our SMA T connector operates to 6 GHz. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors.

RF adapters can be used to enable connections between two connector types that would otherwise not mate. Certain RF adapter configurations can also be used to protect connectors on expensive equipment where the number of connect and disconnect cycles is high. An RF, microwave, or millimeter wave adapter is connected to the equipment and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connnector savers. Fairview Microwave also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.



Configuration:

- SMA Female Connector 1
- SMA Female Connector 2
- 50 Ohms
- Tee Body Geometry

Features:

- SMA interface meets MIL-STD-348
- Contact plating according to MIL-G-45204
- Gold Plated Beryllium Copper Contact

Applications:

- General Purpose Test

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
Operating Voltage (AC)			335	Vrms
DWV (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

Electrical Specification Notes:
Values at 25° C, sea level.

Mechanical Specifications

Size

Length	1.03 in [26.16 mm]
Width	0.25 in [6.35 mm]
Height	0.7 in [17.78 mm]
Weight	0.01323 lbs [6 g]

Description	Connector 1	Connector 2
Type	SMA Female	SMA Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348
Mating Cycles	500	500

Material Specifications

Description	Connector 1	Connector 2
Type	SMA Female	SMA Female
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold	Gold
Contact Plating Spec.	MIL-G-45204	MIL-G-45204
Insulation Material	PTFE	PTFE
Outer Contact Material	Passivated Stainless Steel	Passivated Stainless Steel

Fairview Microwave
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Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

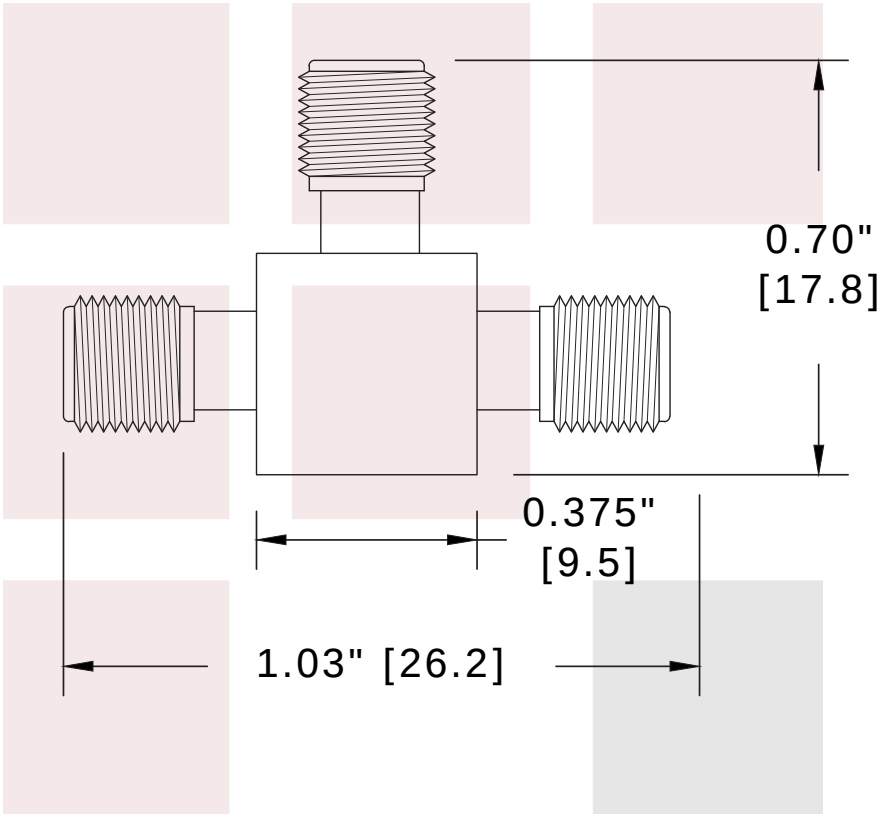
Notes:

SMA T Adapter Female Female Female 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 T Adapter Female Female Female SM4942

URL: https://www.fairviewmicrowave.com/sma-female-female-female-tee-adapter-sm4942-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. 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 T Adapter Female Female Female	DWG NO SM4942	CAGE CODE 3FKR5			
	CAD FILE 011415	SHEET	SCALE N/A	SIZE A	5568

1130 Junction Dr. #100 Allen, TX 75013 | Tel: 1-800-715-4396 / (972) 649-6678 / Fax: (972) 649-6689

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