

## SMA T Adapter Female Male Female

SMA T adapter female male female part number SM4946 from Fairview Microwave is in-stock and ships same day. This Fairview SMA T adapter has a female-male-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 connector 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.

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz

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

### Mechanical Specifications

<b>Size</b>	
Length	1.035 in [26.29 mm]
Width	0.25 in [6.35 mm]
Height	0.67 in [17.02 mm]
Weight	0.0185 lbs [8.39 g]

Description	Connector 1	Connector 2
Type	SMA Female	SMA Male
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 Male
Contact Material	Beryllium Copper	Brass
Contact Plating	Gold	Gold
Contact Plating Spec.	MIL-G-45204	MIL-G-45204
Outer Contact Material	Brass	
Outer Contact Plating	Nickel	
Outer Contact Plating Spec.	QQ-N-290	
Body Material		Brass
Body Plating		Nickel
Body Plating Spec.		QQ-N-290



### Configuration:

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

### Features:

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

### Applications:

- General Purpose Test

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**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

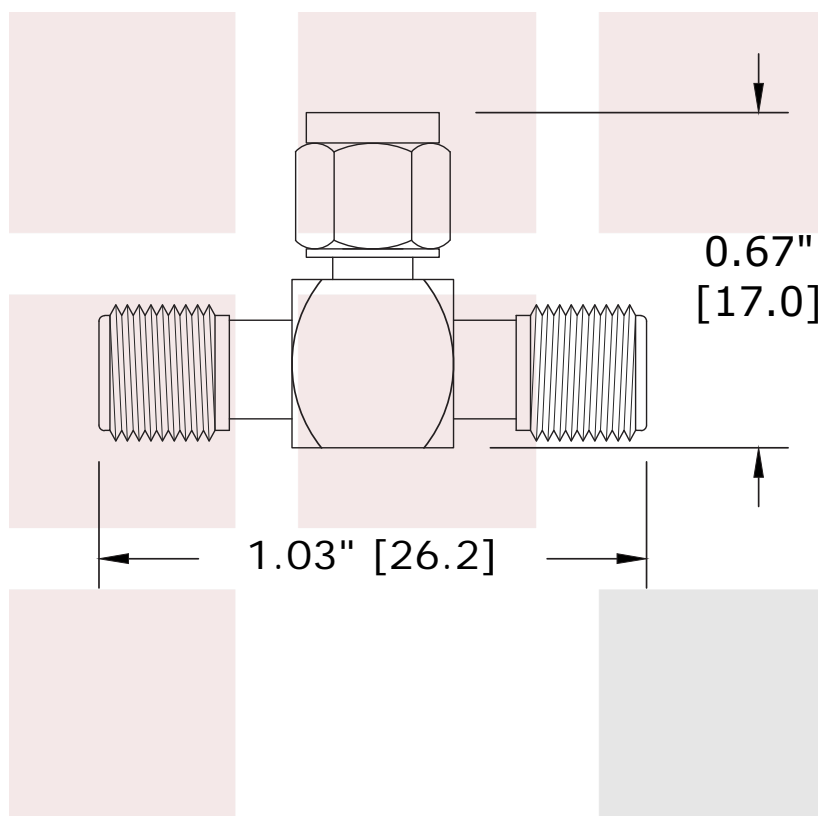
Notes:

SMA T Adapter Female Male 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 Male Female SM4946](#)

URL: <https://www.fairviewmicrowave.com/sma-female-male-female-tee-adapter-sm4946-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.



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## 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 Male Female

## DWG NO

SM4946

## CAGE CODE

3FKR5

## CAD FILE

011415

## SHEET

SCALE N/A

SIZE A

5568