



2.4mm Female to 2.4mm Female Adapter

2.4mm female to 2.4mm female adapter part number SM3010 from Fairview Microwave is in-stock and ships same day. This Fairview 2.4mm to 2.4mm adapter has a female to female gender configuration. SM3010 2.4mm female to 2.4mm female adapter operates to 50 GHz. The 2.4mm connector mates mechanically with commercially available 1.85mm (V) connectors. The Fairview Microwave RF adapter provides good VSWR of 1.4:1 maximum.

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	Тур	Max	Units		
Frequency Range	DC		50	GHz		
VSWR			1.4:1			
<u> </u>			1.7.1			

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

Mechanical Specifications

Size

Length	0.842 in [21.39 mm]
Weight	0.014 lbs [6.35 g]

Description	Connector 1	Connector 2
Туре	2.4mm Female	2.4mm Female
Polarity	Standard	Standard
Mating Cycles	500	500

Material Specifications

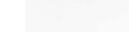
Description	Connector 1	Connector 2			
Туре	2.4mm Female	2.4mm Female			
Contact Material	Beryllium Copper	Beryllium Copper			
Contact Plating	Gold over Nickel	Gold over Nickel			
Contact Plating Spec.	MIL-G-45204	MIL-G-45204			
Insulation Material	Oxide-Noryl	Oxide-Noryl			
Outer Contact Material	Passivated Stainless Steel	Passivated Stainless Steel			
Outer Contact Plating Spec.	ASTM A380	ASTM A380			

Environmental Specifications

Temperature

Operating Range

-55 to +100 deg C



- Configuration:
- 2.4mm Female Connector 1
- 2.4mm Female Connector 2
- 50 Ohms
- Straight Body Geometry

Features:

- VSWR of 1.4:1 max up to 50 GHz
- Contact plating according to MIL-G-45204
- Gold over Nickel Plated Beryllium Copper Contact

Applications:

· General Purpose Test

Fairview Microwave 1130 Junction Dr. #100 Allen, TX 75013

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Vibration Salt Spray MIL-STD 202, Method 204, Condition D (20 G's) MIL-STD 202, Method 101, Condition B, 5% salt solution

Compliance Certifications (see product page for current document)

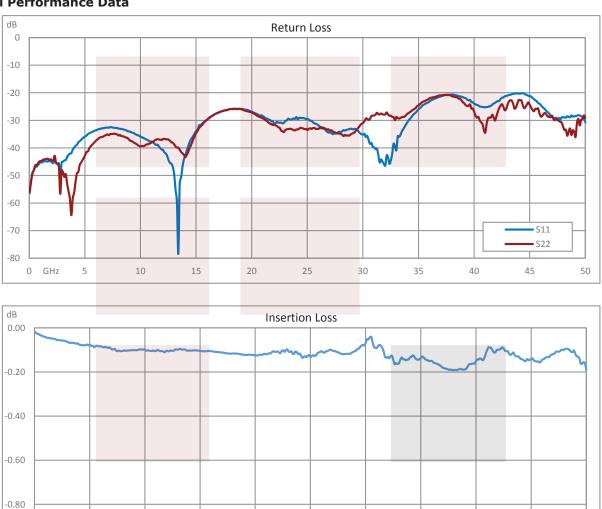
Plotted and Other Data

-1.00

0 GHz

Notes:

Typical Performance Data



25

10

15

20

30

35

40

45

50





2.4mm Female to 2.4mm Female Adapter 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: 2.4mm Female to 2.4mm Female Adapter SM3010

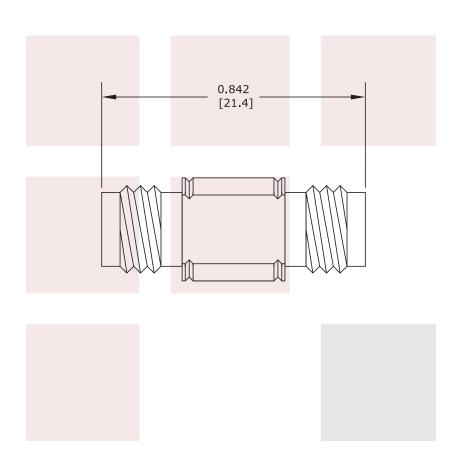
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order

URL: https://www.fairviewmicrowave.com/2.4mm-female-2.4mm-female-adapter-sm3010-p.aspx

											red. Unless	
stated, al	l specificati	ons are	nominal.	Fairvie	w Microwa	ve does n	ot make	any rep	resentat	ion or w	arranty rega	arding the
suitability	of the part	t describ	ed hereir	n for any	particular	purpose,	and Fair	view Mi	crowave	does no	ot assume ar	ny liability
	t of the use											







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].					
2.4mm Female to 2.4mm Female Adapter	DWG NO SM3010			CAGE CODE 3FKR5		
	CAD FILE 111015	SHEET	SCALE	≣ N/A	SIZE A	150