

2.92mm Female (Jack) to 2.4mm Female (Jack)  
Adapter, Passivated Stainless Steel Body, 1.2 VSWR



**FMAD1026**

**Configuration**

- 2.92mm Female Connector 1
- 2.4mm Female Connector 2
- 50 Ohms Impedance
- Straight Body Geometry

**Features**

- VSWR of 1.2:1 max up to 40 GHz
- Contact plating according to MIL-G-45204
- Gold over Nickel Plated Beryllium Copper Contact

**Applications**

- Enables Between Series Connections
- General Purpose Test

**Description**

2.92mm female to 2.4mm female adapter part number FMAD1026 from Fairview Microwave is in-stock and ships same day. This Fairview 2.92mm to 2.4mm adapter has a female to female gender configuration and is built of durable stainless steel. FMAD1026 2.92mm female to 2.4mm female adapter operates to 40 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.2:1 maximum. The 2.92mm connector mates mechanically with commercially available SMA and 3.5mm connectors. The 2.4mm connector mates mechanically with commercially available 1.85mm (V) 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	Minimum	Typical	Maximum	Units
Frequency Range	DC		40	GHz
Impedance		50		Ohms
VSWR			1.2:1	
Insertion Loss			0.32	dB

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

**Mechanical Specifications**

**Size**

Length	0.75 in [19.00 mm]
Width	0.25 in [6.35 mm]
Height	0.25 in [6.35 mm]
Weight	0.01 lbs [5.17 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard

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Description	Connector 1	Connector 2
Mating Cycles, Min	500	500
Mating Torque	8 in-lbs 0.90 Nm max	8 in-lbs 0.90 Nm max

### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	2.92mm Female		2.4mm Female	
Contact	Beryllium Copper	Gold over Nickel MIL-G-45204	Beryllium Copper	Gold over Nickel MIL-G-45204
Insulation	Oxide-Noryl		Oxide-Noryl	
Outer Conductor	Passivated Stainless Steel	ASTM A380	Passivated Stainless Steel	ASTM A380
Body	Passivated Stainless Steel		Passivated Stainless Steel	ASTM A380

### Environmental Specifications

**Temperature**

Operating Range

Vibration

Salt Spray

-55 to +100 °C

MIL-STD 202, Method 204, Condition D (20 G's)

MIL-STD 202, Method 101, Condition B, 5% salt solution

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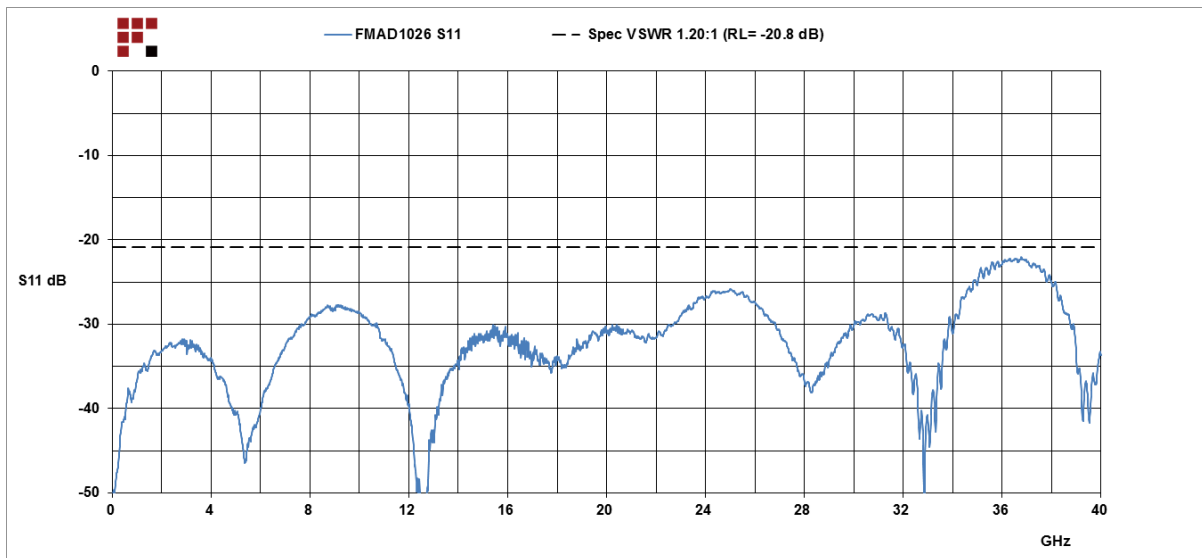


**FMAD1026**

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

**Plotted and Other Data**

**Typical Performance Data**



2.92mm Female (Jack) to 2.4mm Female (Jack) Adapter, Passivated Stainless Steel Body, 1.2 VSWR 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 Lewisville, Texas. Fairview Microwave is RF on-demand.

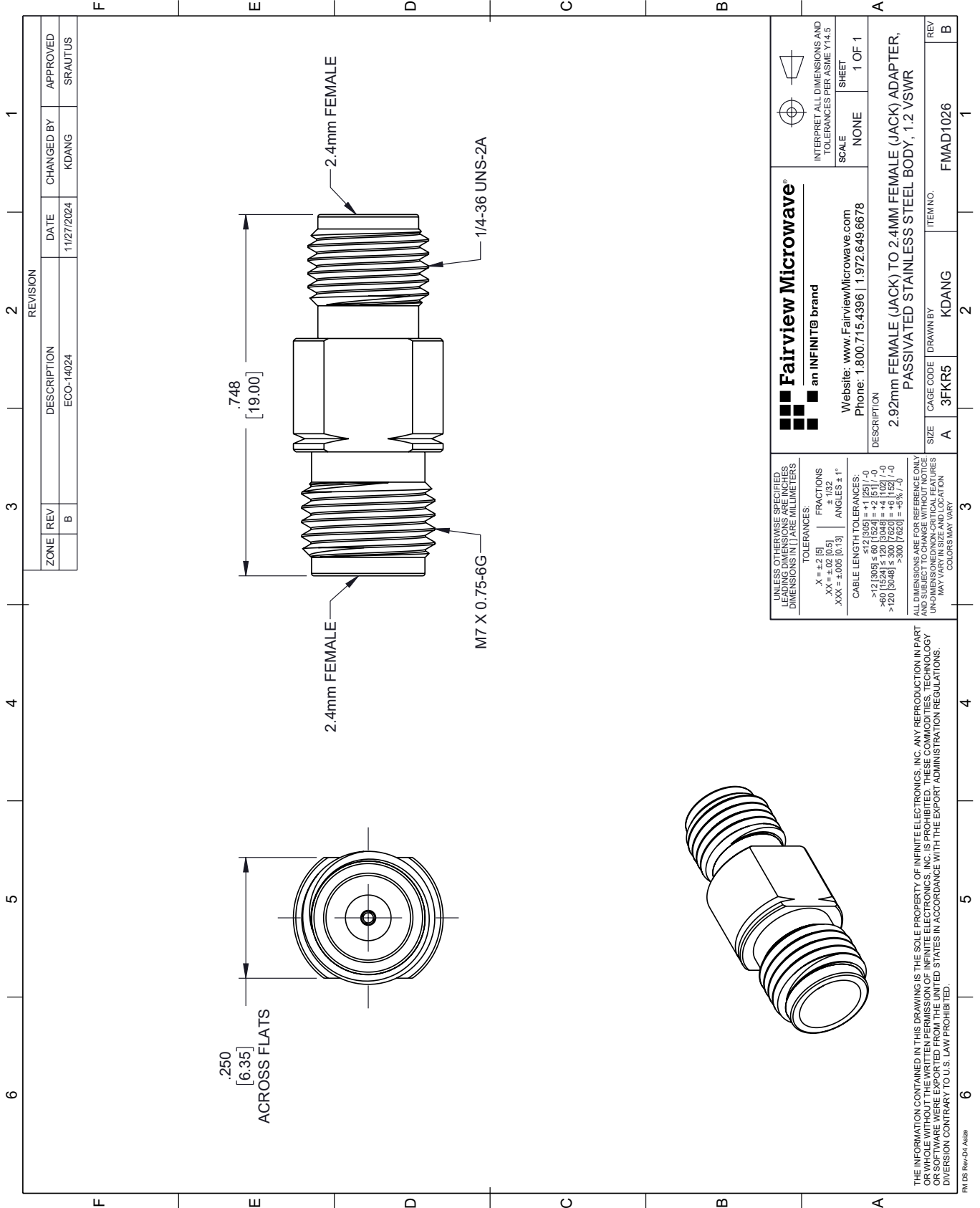
For additional information on this product, please click the following link: [2.92mm Female \(Jack\) to 2.4mm Female \(Jack\) Adapter, Passivated Stainless Steel Body, 1.2 VSWR FMAD1026](#)

URL: <https://www.fairviewmicrowave.com/product/rf-adapters/2.92mm-female-2.4mm-female-adapter-fmad1026.html>

The information contained within 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 liability arising out of the use of any part or document.

# FMAD1026 CAD Drawing

2.92mm Female (Jack) to 2.4mm Female (Jack) Adapter, Passivated Stainless Steel Body, 1.2 VSWR



REVISION		DATE	CHANGED BY	APPROVED	
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-14024	11/27/2024	KDANG	SRAUTUS

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an INFINIT® brand

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UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES AND TRAILING DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES:  
 .X = ±.2 (5) FRACTIONS ± 1/32  
 .XX = ±.02 (0.5) ± 1/32  
 .XXX = ±.005 (0.13) ANGLES ± 1°

CABLE LENGTH TOLERANCES:  
 ≤ 12 (305) ±.60 (15.24) = ±.2 (5) / -0  
 > 12 (305) ≤ 60 (1524) = ±.4 (10.2) / -0  
 > 60 (1524) ≤ 120 (3048) = ±.4 (10.2) / -0  
 > 120 (3048) ≤ 300 (7620) = ±.6 (15.24) / -0  
 > 300 (7620) = ±.8 (20.3) / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE NON-CRITICAL FEATURES. MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE NONE SHEET 1 OF 1

DESCRIPTION: 2.92mm FEMALE (JACK) TO 2.4MM FEMALE (JACK) ADAPTER, PASSIVATED STAINLESS STEEL BODY, 1.2 VSWR

SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	3FKR5	KDANG	FMAD1026

REV B

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FM DS Rev-D4 Alt2b