

## Miter RA 2.4mm Female (Jack) to 2.92mm Male (Plug) Adapter, Stainless Steel Body, 1.25 VSWR

Miter RA 2.4mm female to 2.92mm male adapter part number FMAD1228 from Fairview Microwave is in-stock and ships same day. This Fairview 2.4mm to 2.92mm adapter has a female to male gender configuration and is built of durable stainless steel. FMAD1228 2.4mm female to 2.92mm male adapter operates to 40 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.25:1 maximum. The 2.4mm connector mates mechanically with commercially available 1.85mm (V) connectors. The 2.92mm connector mates mechanically with commercially available SMA and 3.5mm connectors. This miter right angle 2.4mm to 2.92mm adapter allows for easier connections in tight spaces.

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.



### Configuration:

- 2.4mm Female Connector 1
- 2.92mm Male Connector 2
- 50 Ohm
- Miter Right Angle Body Geometry

### Features:

- VSWR of 1.25:1 max up to 40 GHz
- 4 µin, 80 µin contact plating
- Gold over Nickel Plated Beryllium Copper Contact

### Applications:

- Enables Between Series Connections
- General Purpose Test

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		40	GHz
VSWR			1.25:1	

### Mechanical Specifications

Size	
Length	0.710 in [18.0 mm]
Height	0.65 in [16.51 mm]
Weight	0.0205 lbs [9.3 g]

Description	Connector 1	Connector 2
Type	2.4mm Female	2.92mm Male
Polarity	Standard	Standard

### Material Specifications

Description	Connector 1	Connector 2
Type	2.4mm Female	2.92mm Male
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold over Nickel	Gold over Nickel
Contact Plating Spec.	4 µin, 80 µin	4 µin, 80 µin
Insulation Material	PPO	PPO
Outer Contact Material	Passivated Stainless Steel	
Body Material	Passivated Stainless Steel	Passivated Stainless Steel
Gasket Material	Silicone	Silicone
Coupling Nut Material		Passivated Stainless Steel

Fairview Microwave  
 301 Leora Ln., Suite 100  
 Lewisville, TX 75056  
 Tel: 1-800-715-4396 / (972) 649-6678  
 Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

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

**Plotted and Other Data**

Notes:

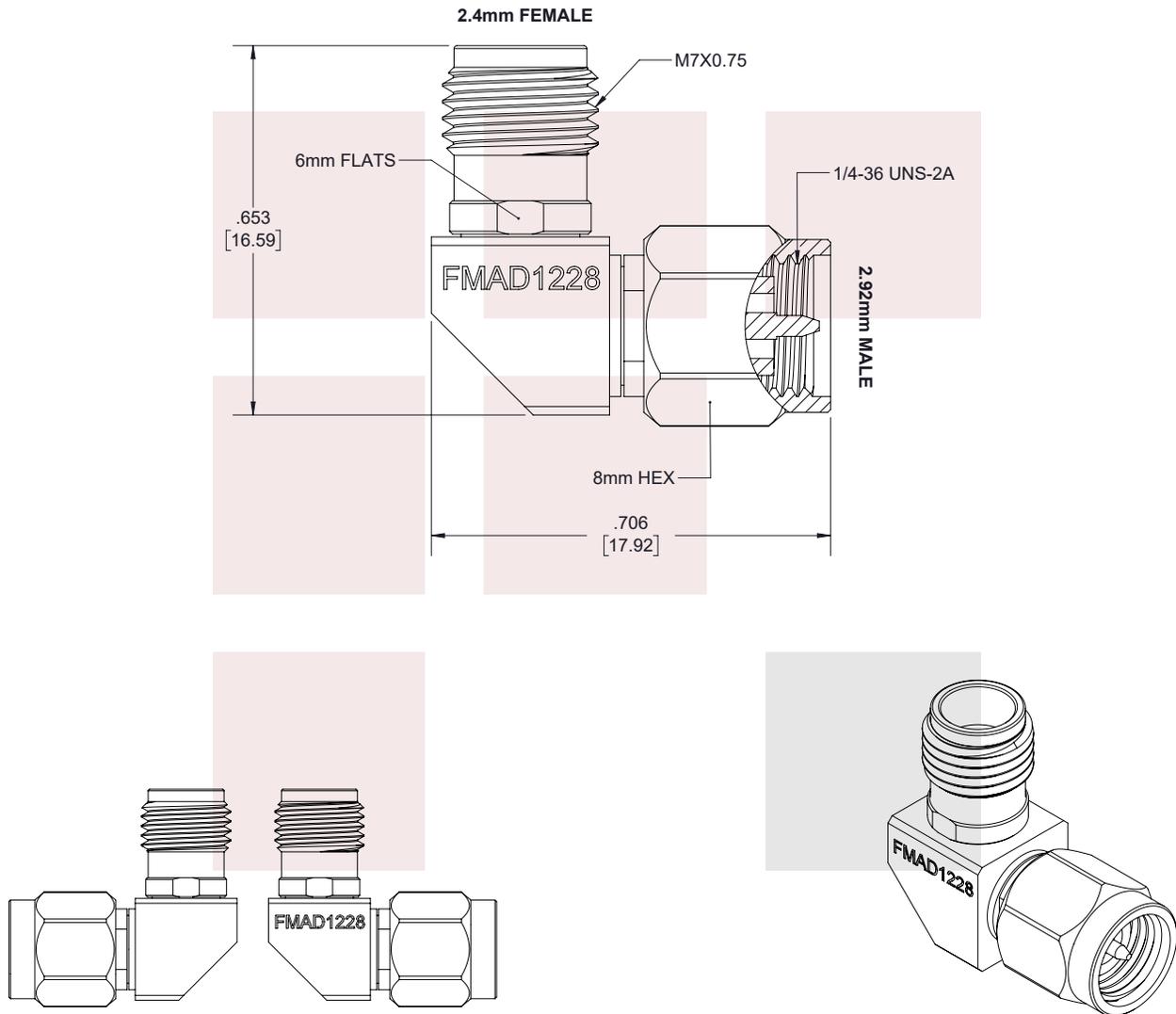
Miter RA 2.4mm Female (Jack) to 2.92mm Male (Plug) Adapter, Stainless Steel Body, 1.25 VSWR from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Miter RA 2.4mm Female \(Jack\) to 2.92mm Male \(Plug\) Adapter, Stainless Steel Body, 1.25 VSWR FMAD1228](#)

URL: <https://www.fairviewmicrowave.com/ra-2.4mm-female-2.92mm-male-adapter-fmad1228-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.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	1/10/2020	S.ELLIS



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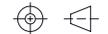
TITLE  
Miter RA 2.4mm Female (Jack) to 2.92mm Male (Plug)  
Adapter, Stainless Steel Body, 1.25 VSWR

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES: CABLE LENGTH (L) TOLERANCES:

.X = ±.2 [5.08]	FRACTIONS	L ≤ 12 [305] = +1 [25] / -0
.XX = ±.02 [.51]	± 1/32	12 [305] < L ≤ 60 [1524] = +2 [51] / -0
.XXX = ±.005 [.13]	ANGLES ± 1°	60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
		120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
		300 [7620] < L = +5%L / -0

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

SIZE A	CAGE CODE 3FKR5	DRAWN BY K.DANG	ITEM NO. FMAD1228	REV A
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