

Precision 2.92mm Female to 7mm Adapter

2.92mm female to 7mm adapter part number FMAD1300 from Fairview Microwave is in-stock and ships same day. This Fairview 2.92mm to 7mm adapter has a female to sexless gender configuration in a precision design. FMAD1300 2.92mm female to 7mm adapter operates to 18 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.1:1 maximum. The 2.92mm connector mates mechanically with commercially available SMA and 3.5mm 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		18	GHz
VSWR			1.1:1	

Mechanical Specifications

Size	
Length	1.360 in [34.5 mm]
Width	0.87 in [22.1 mm]
Weight	0.102 lbs [46.27 g]

Description	Connector 1	Connector 2
Type	2.92mm Female	7mm Sexless
Polarity	Standard	Standard
Interface Specification		IEEE STD 287

Material Specifications

Description	Connector 1	Connector 2
Type	2.92mm Female	7mm Sexless
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold	Gold
Outer Contact Material	Passivated Stainless Steel	
Body Material		Passivated Stainless Steel
Coupling Nut Material		Passivated Stainless Steel

Environmental Specifications

Temperature	
Operating Range	-65 to +125 deg C



Configuration:

- 2.92mm Female Connector 1
- 7mm Sexless Connector 2
- 50 Ohm
- Precision Design
- Straight Body Geometry

Features:

- VSWR of 1.1:1 max up to 18 GHz
- 7mm interface meets IEEE STD 287
- Gold Plated Beryllium Copper Contact

Applications:

- Enables Between Series Connections
- General Purpose Test
- Precision Test & Measurement

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

Plotted and Other Data

Notes:

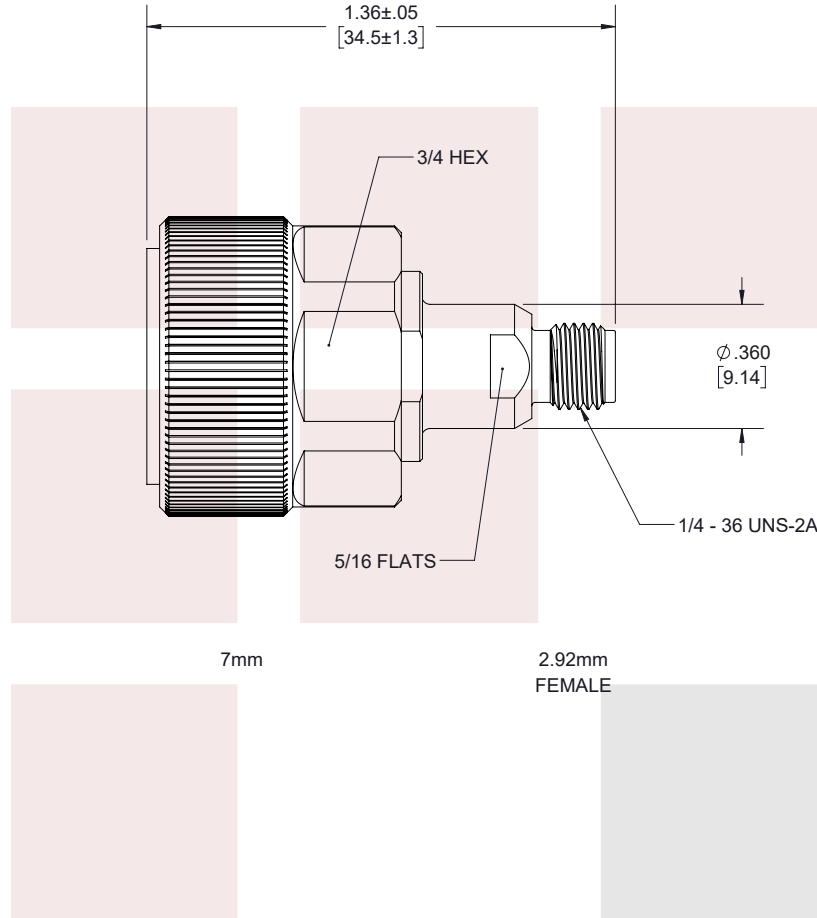
Precision 2.92mm Female to 7mm Adapter from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Precision 2.92mm Female to 7mm Adapter FMAD1300](#)

URL: <https://www.fairviewmicrowave.com/precision-2.92mm-female-to-7mm-adapter-fmad1300-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	03/31/2022	AGANWANI



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TITLE

Precision 2.92mm Female to 7mm Adapter

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

TOLERANCES:

.X = ±.2 [.508] FRACTIONS ± 1/32
.XX = ±.02 [.51] ANGLES ± 1°
.XXX = ±.005 [.13]

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
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.GLEBOVA	ITEM NO. FMAD1300	REV A
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T-Rev.D