

RA 1.85mm Female to 1.85mm Female Adapter with Passivated Stainless Steel Body

RA 1.85mm female to 1.85mm female adapter part number FMAD1278 from Fairview Microwave is in-stock and ships same day. This Fairview 1.85mm to 1.85mm adapter has a female to female gender configuration and is built of durable stainless steel. FMAD1278 1.85mm female to 1.85mm female adapter operates to 67 GHz. The Fairview Microwave RF adapter provides good VSWR of 1.35:1 maximum. The 1.85mm connector mates mechanically with commercially available 2.4mm connectors. This right angle 1.85mm 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.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		67	GHz
VSWR			1.35:1	

Mechanical Specifications

Size		
Length		0.560 in [14.2 mm]
Width		0.312 in [7.92 mm]
Height		0.566 in [14.38 mm]
Weight		0.176 lbs [79.83 g]

Description	Connector 1	Connector 2
Type	1.85mm Female	1.85mm Female
Polarity	Standard	Standard

Material Specifications

Description	Connector 1	Connector 2
Type	1.85mm Female	1.85mm Female
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold	Gold
Contact Plating Spec.	50 µin	50 µin
Insulation Material	PEI	PEI
Outer Contact Material	Passivated Stainless Steel	Passivated Stainless Steel
Body Material	Passivated Stainless Steel	Passivated Stainless Steel



Configuration:

- 1.85mm Female Connector 1
- 1.85mm Female Connector 2
- 50 Ohm
- Right Angle Body Geometry

Features:

- VSWR of 1.35:1 max up to 67 GHz
- 50 µin contact plating
- Gold Plated Beryllium Copper Contact

Applications:

- General Purpose Test

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

Plotted and Other Data

Notes:

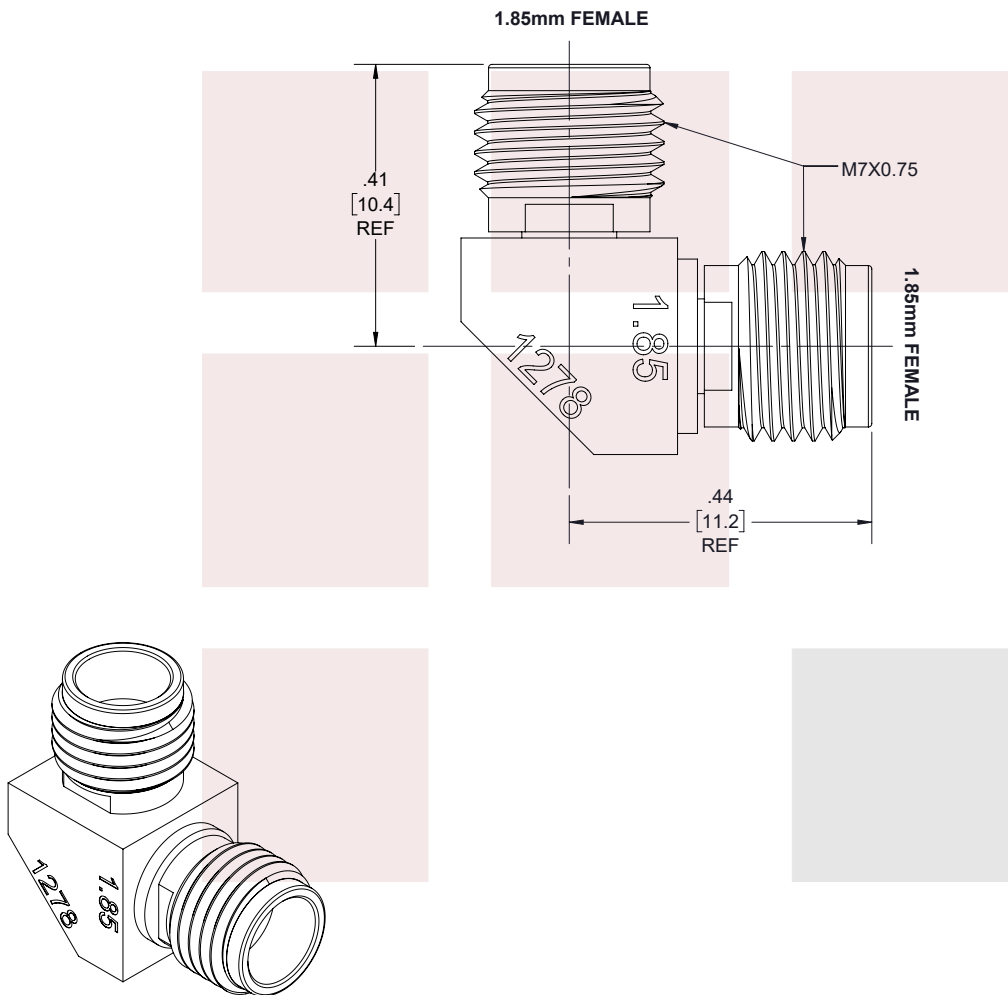
RA 1.85mm Female to 1.85mm Female Adapter with Passivated Stainless Steel Body from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [RA 1.85mm Female to 1.85mm Female Adapter with Passivated Stainless Steel Body FMAD1278](#)

URL: <https://www.fairviewmicrowave.com/ra-1.85mm-female-to-1.85mm-female-adapter-with-passivated-stainless-steel-body-fmad1278-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	8/16/2021	A. GANWANI



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TITLE
RA 1.85mm Female to 1.85mm Female Adapter with Passivated Stainless Steel Body

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

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

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SIZE A	CAGE CODE 3FKR5	DRAWN BY K.DANG	ITEM NO. FMAD1278	REV A
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THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

T-Rev.D