

## N Male to N Female Adapter with Passivated Stainless Steel Body

Type N male to type N female adapter part number FMAD1236 from Fairview Microwave is in-stock and ships same day. This Fairview type N to type N adapter has a male to female gender configuration and is built of durable stainless steel. FMAD1236 type N male to type N female adapter operates to 18 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.15:1 maximum. Our type N to type N RF adapter can also be used as a connector saver to extend equipment life.

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			1.15:1	
Operating Voltage (AC)			1,000	Vrms
DWV (AC)			2,500	Vrms
Insulation Resistance	5,000			MOhms

### Mechanical Specifications

Size	
Length	1.8 in [46.2 mm]
Width	0.625 in [15.88 mm]
Height	0.625 in [15.88 mm]
Weight	0.138 lbs [62.6 g]

Description	Connector 1	Connector 2
Type	N Male	N Female
Polarity	Standard	Standard
Mating Cycles	500	500



### Configuration:

- N Male Connector 1
- N Female Connector 2
- 50 Ohm
- Straight Body Geometry

### Features:

- VSWR of 1.15:1 max up to 18 GHz
- Contact plating according to MIL-G-45204

### Applications:

- Connector Saver
- General Purpose Test

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**Material Specifications**

Description	Connector 1	Connector 2
Type	N Male	N Female
Contact Material	Brass	Beryllium Copper
Contact Plating	Gold over Nickel	Gold over Nickel
Contact Plating Spec.	MIL-G-45204	MIL-G-45204
Insulation Material	Noryl	Noryl
Outer Contact Material		Passivated Stainless Steel
Body Material	Passivated Stainless Steel	Passivated Stainless Steel
Gasket Material	Silicone Rubber	
Washer Material	Phosphor Bronze	
Coupling Nut Material	Passivated Stainless Steel	

**Environmental Specifications**

**Temperature**

Operating Range -65 to +125 deg C

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

**Plotted and Other Data**

Notes:

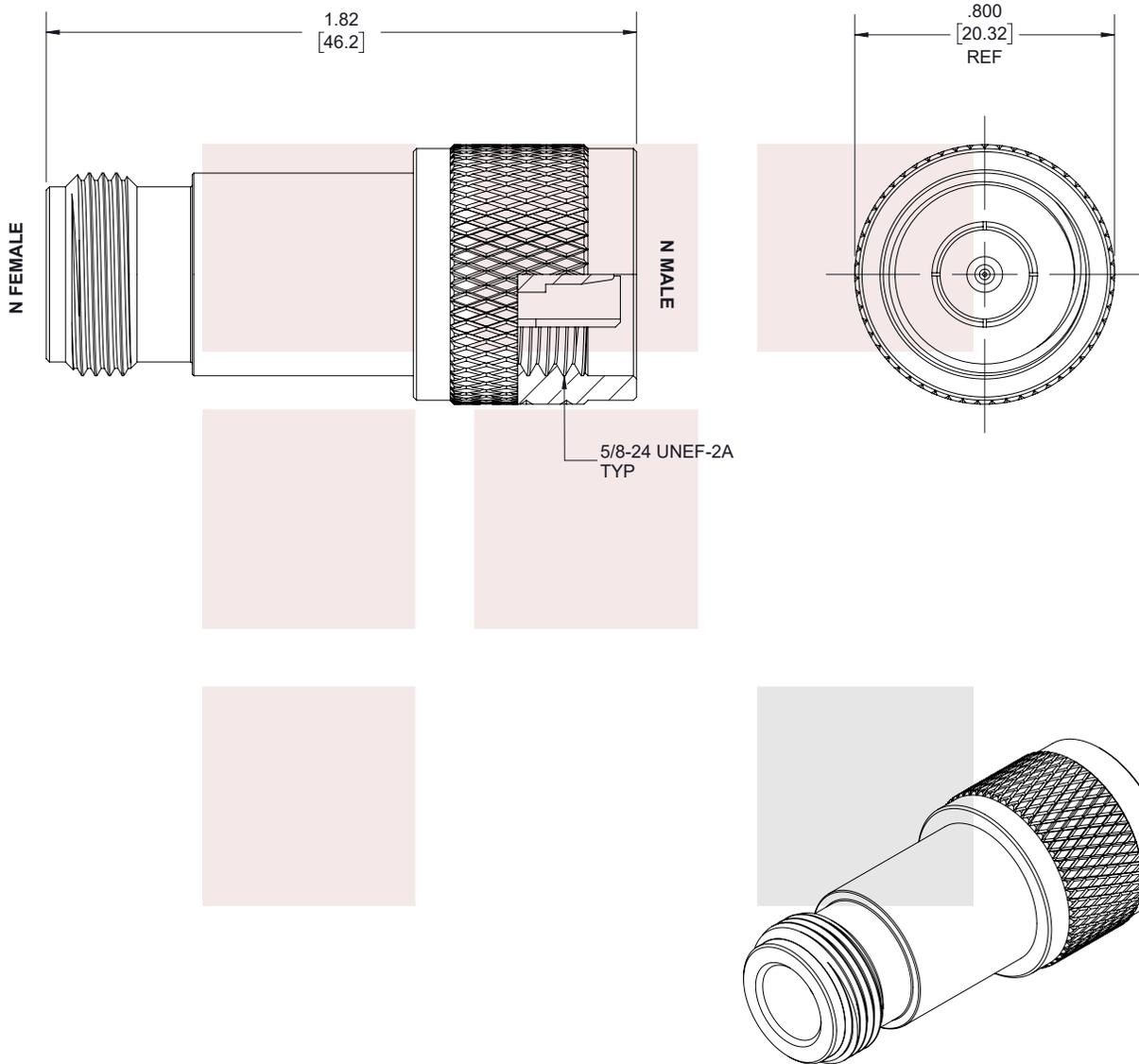
N Male to N Female Adapter with Passivated Stainless Steel Body from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Male to N Female Adapter with Passivated Stainless Steel Body FMAD1236](#)

URL: <https://www.fairviewmicrowave.com/n-male-n-female-adapter-fmad1236-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	11/25/19	S.ELLIS



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TITLE  
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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	

THIRD-ANGLE PROJECTION  
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ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.					SCALE	N/A
SIZE	CAGE CODE	DRAWN BY	PART NUMBER	REV		
A	3FKR5	K.DANG	FMAD1236	A		

T-Rev.D