

RA N Male (Plug) to N Female (Jack) Adapter, Commercial Grade



FMAD10091

Configuration

- N Male Connector 1
- N Female Connector 2
- 50 Ohms Impedance
- Right Angle Body Geometry

Features

- Gold Plated Nickel Contact

Applications

- General Purpose Test

Description

RA type N male to type N female adapter part number FMAD10091 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. FMAD10091 type N male to type N female adapter. This right angle type N 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	Minimum	Typical	Maximum	Units
Impedance		50		Ohms

Mechanical Specifications

Size

Length	1.42 in [36.07 mm]
Width	1.35 in [34.29 mm]
Height	0.79 in [20.07 mm]
Weight	0.12 lbs [54.43 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	N Male		N Female	
Contact	Nickel	Gold	Nickel	Gold

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Insulation	POM		POM	
Outer Conductor	Brass	Nickel	Brass	Nickel
Body	Brass	Nickel	Brass	Nickel
Gasket	Silicone Rubber			
Coupling Nut	Brass	Nickel		

Environmental Specifications

Temperature

Operating Range -55 to +85 °C

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

Plotted and Other Data

RA N Male (Plug) to N Female (Jack) Adapter, Commercial Grade 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.

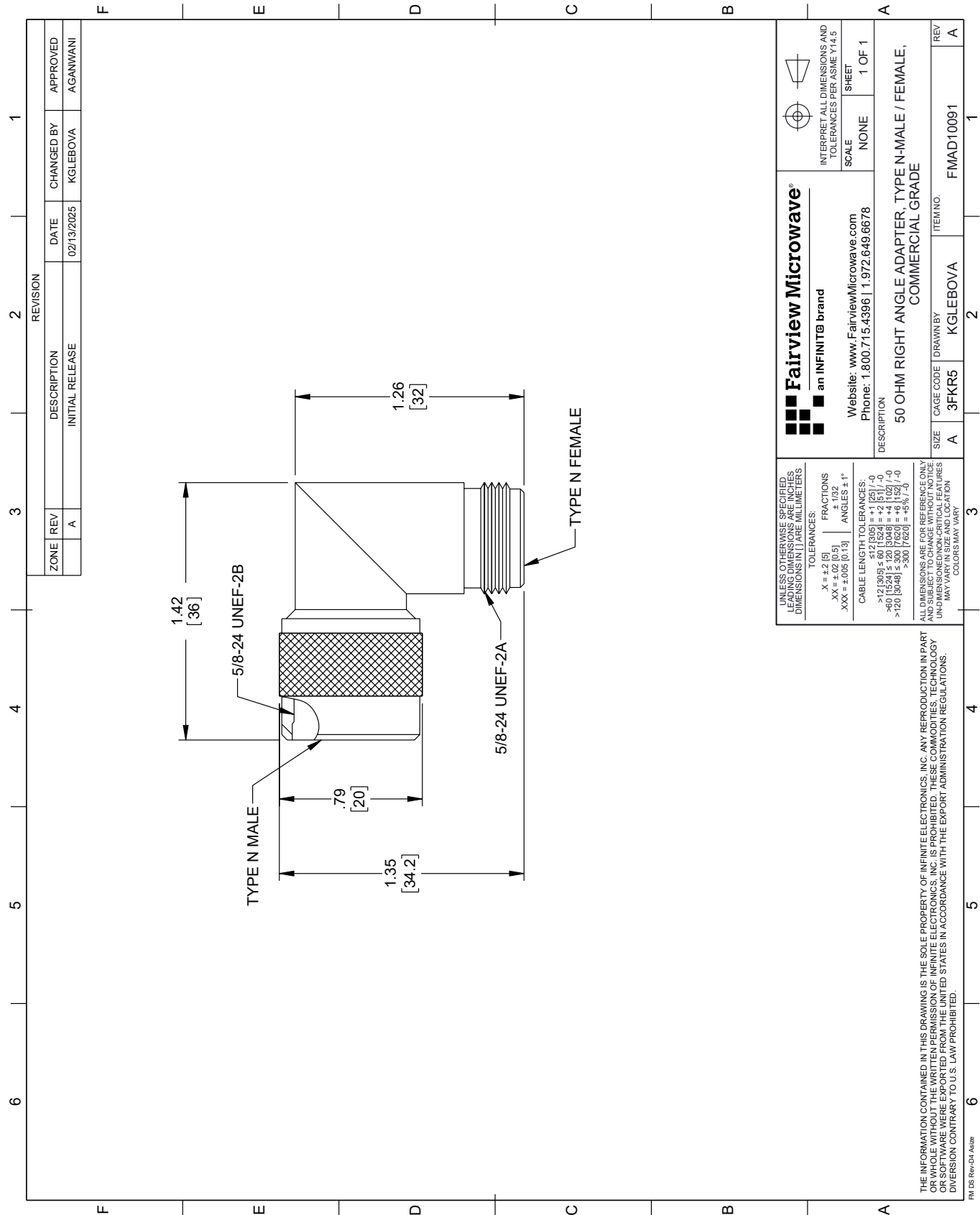
For additional information on this product, please click the following link: [RA N Male \(Plug\) to N Female \(Jack\) Adapter, Commercial Grade FMAD10091](#)

URL: <https://www.fairviewmicrowave.com/product/rf-adapters/ra-n-male-to-n-female-adapter-fmad10091.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.

FMAD10091 CAD Drawing

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REVISION		DATE		CHANGED BY		APPROVED	
ZONE	REV	DESCRIPTION		INITIAL RELEASE		AGANWANI	
	A						

Fairview Microwave® an INFINITI® brand		Website: www.FairviewMicrowave.com Phone: 1.800.715.4396 1.972.649.6678		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES. DIMENSIONS IN [] ARE MILLIMETERS.		TOLERANCES: X = ±.2 [5] .XX = ±.02 [0.5] .XXX = ±.005 [0.13]		FRACTIONS ± 1/32 ANGLES ± 1°	
CABLE LENGTH TOLERANCES: >12 [305] ≤ 60 [1524] = ±.12 [3] / -0 >60 [1524] ≤ 120 [3048] = ±.12 [3] / -0 >120 [3048] ≤ 300 [7620] = ±.12 [3] / -0 >300 [7620] = ±.12 [3] / -0		ALL DIMENSIONS ARE FOR REFERENCE ONLY. UNLESS OTHERWISE SPECIFIED, DIMENSIONS MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.		SCALE NONE	
DESCRIPTION 50 OHM RIGHT ANGLE ADAPTER, TYPE N-MALE / FEMALE, COMMERCIAL GRADE		ITEM NO. FMAD10091		SHEET 1 OF 1	
SIZE A		CAGE CODE 3FKR5		DRAWN BY KGLEBOVA	
REV A		REV A		REV A	

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