

RA N Male to N Female Adapter



FMAD91797

Configuration

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

Features

- 4 µ-in minimum contact plating

Applications

- General Purpose Test

Description

RA 75 ohm type N male to type N female adapter part number FMAD91797 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. FMAD91797 type N male to type N female adapter operates to 3 GHz. 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
Frequency Range	DC		3	GHz
Impedance		75		Ohms
VSWR		1.2:1		

Electrical Specification Notes:
Values at 25°C, sea level.

Mechanical Specifications

Size

Length	1.24 in [31.60 mm]
Width	0.83 in [21.01 mm]
Height	1.43 in [36.40 mm]
Weight	0.01 lbs [4.54 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	N Male		N Female	
Contact	Brass	Gold 4 μ-in minimum	Beryllium Copper	Gold 4 μ-in minimum
Insulation	PTFE		PTFE	
Outer Conductor			Beryllium Copper	Gold 4 μ-in minimum
Body	Brass	Copper-Tin-Zinc Alloy 100 μ-in minimum	Beryllium Copper	Gold 4 μ-in minimum
Gasket	Silicone		Silicone	
Coupling Nut	Brass	Copper-Tin-Zinc Alloy 100 μ-in minimum		

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

RA N Male to N Female 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: [RA N Male to N Female Adapter FMAD91797](#)

URL: <https://www.fairviewmicrowave.com/ra-n-male-to-n-female-adapter-fmad91797-p.aspx>

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FMAD91797 CAD Drawing
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