

## Bulkhead N Female (Jack) to N Female (Jack) Bulkhead Adapter, Commercial Grade



### FMAD10040

#### Configuration

- N Female Connector 1
- N Female Connector 2
- 50 Ohms Impedance
- Straight Body Geometry
- Bulkhead Mount Method

#### Features

- Gold Plated Brass Contact

#### Applications

- General Purpose Test
- Rack Mounted Equipment

#### Description

Bulkhead type N female to type N female bulkhead adapter part number FMAD10040 from Fairview Microwave is in-stock and ships same day. This Fairview type N to type N adapter has a female to female gender configuration. FMAD10040 type N female to type N female adapter operates to 11 GHz. Our RF type N bulkhead to type N bulkhead adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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		11	GHz
Impedance		50		Ohms
Insertion Loss			0.15	dB
Dielectric Withstanding Voltage (DC)			1,500	

#### Mechanical Specifications

##### Size

Length	1.50 in [38.20 mm]
Width	0.87 in [22.00 mm]
Height	0.87 in [22.00 mm]
Weight	0.09 lbs [40.82 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 Female		N Female	
Contact	Brass	Gold	Brass	Gold
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel	Brass	Nickel
Body			Brass	Nickel
Washer	Brass	Nickel	Brass	Nickel
Coupling Nut	Brass	Nickel	Brass	Nickel

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

Bulkhead N Female (Jack) to N Female (Jack) Bulkhead 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: [Bulkhead N Female \(Jack\) to N Female \(Jack\) Bulkhead Adapter, Commercial Grade FMAD10040](#)

URL: <https://www.fairviewmicrowave.com/product/rf-adapters/bulkhead-n-female-to-n-female-bulkhead-adapter-fmad10040.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.

FMAD10040 CAD Drawing

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