

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



FMAD10041

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 adapter part number FMAD10041 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. FMAD10041 type N female to type N female adapter operates to 11 GHz. Our RF type N bulkhead to type N 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
Operating Voltage (DC)			1,500	Vdc
Dielectric Withstanding Voltage (AC)			2,500	Vrms

Mechanical Specifications

Size

Length	1.50 in [38.00 mm]
Width	0.79 in [19.99 mm]
Height	0.79 in [19.99 mm]
Weight	0.09 lbs [40.82 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard
Mating Torque	15 in-lbs 1.70 Nm max	15 in-lbs 1.70 Nm max

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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		
Body	Brass	Nickel	Brass	Nickel
Coupling Nut	Brass	Nickel		

Environmental Specifications

Temperature

Operating Range

-55 to +85 °C

Humidity

MIL-Std. 202 Method 106 (Test Condition B)

Vibration

MIL-Std. 202 Method 204 (Test Condition B)

Altitude

MIL-Std. 202 Method 105 (Test Condition C)

Temperature Cycling

MIL-Std. 202 Method 102 (Test Condition C)

Salt Spray

MIL-Std. 202 Method 101 (Test Condition C)

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

Plotted and Other Data

Bulkhead N Female (Jack) 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: [Bulkhead N Female \(Jack\) to N Female \(Jack\) Adapter, Commercial Grade FMAD10041](#)

URL: <https://www.fairviewmicrowave.com/product/rf-adapters/bulkhead-n-female-to-n-female-adapter-mil-std.-202-method-106-test-condition-b-fmad10041.html>

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FMAD10041 CAD Drawing

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