Commercial Grade Bulkhead Mount N Female to N Female Adapter

PE910051

Configuration

- N Female Connector 1
- N Female Connector 2
- 50 Ohms Impedance

- Commercial Grade Design
- Straight Body Geometry
- Bulkhead Mount Method

Features

- Gold Plated Brass Contact

Applications

- General Purpose Test

- Rack Mounted Equipment

Description

Pasternack's PE910051 bulkhead type N female to type N female adapter is part of our full line of RF components available for same-day shipping. Our type N to type N adapter has a female to female gender configuration in a commercial grade design. PE910051 type N female to type N female adapter operates to 11 GHz. This 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 are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/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. Pasternack 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 ºC
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

Commercial Grade Bulkhead Mount N Female to N Female Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Commercial Grade Bulkhead Mount N Female to N Female Adapter PE910051

URL: https://www.pasternack.com/commercial-grade-bulkhead-mount-n-female-to-n-female-adapter-pe910051.html

PE910051 CAD Drawing

Commercial Grade Bulkhead Mount N Female to N Female Adapter

RECOMMENDED MOUNTING HOLE

.575 [14.61] MIN

Ø.630 [16] MIN

TYPE N FEMALE BULKHEAD MOUNT

5/8-24 UNEF-2A

.57 [14.5] ACROSS FLAT

19mm HEX

.83 [21]

1.50 [38]

.079 [2]

Ø.79 [20]

.200 [5.08]

MAX PANEL

TYPE N FEMALE

5/8-24 UNEF-2A