

N Male to BNC Female Adapter

PE910038



Configuration

- N Male Connector 1
- BNC Female Connector 2

Features

- Type N interface compliant with MIL-STD-348B
- BNC interface compliant with MIL-STD-348B

- 50 Ohms Impedance
- Straight Body Geometry

Applications

- Allows Connection Between Series
- General Purpose Test

Description

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Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		10	GHz
Impedance		50		Ohms
VSWR		1.2:1		
Insertion Loss			0.189	dB
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length	1.41 in [35.71 mm]
Width	0.83 in [21.01 mm]
Height	0.83 in [21.01 mm]
Weight	0.09 lbs [40.82 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard
Interface Specification	MIL-STD-348B	MIL-STD-348B
Mating Cycles, Min	500	500
Mating Torque	6 to 10 in-lbs 0.68 to 1.13 Nm	0.6 to 2.5 in-lbs 0.07 to 0.28 Nm
Contact Retention Force, Min	101.2 lbs [45.9 kg]	
Contact Captivation Axial Force, Min	6.3 lbs [2.86 kg]	6.1 lbs [2.77 kg]
Coupling Proof Torque	15 in-lbs [1.7 Nm]	

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	N Male		BNC Female	
Contact	Brass	Gold over Nickel over Copper	Brass	Gold over Nickel over Copper
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Copper-Tin-Zinc Alloy	Brass	Copper-Tin-Zinc Alloy
Body	Brass	Copper-Tin-Zinc Alloy	Brass	Copper-Tin-Zinc Alloy
Gasket	Silicone			

Environmental Specifications

Temperature

Operating Range

-65 to +165 °C

Humidity

MIL-STD-202, Method 206

Thermal Shock

MIL-STD-202, Method 107, Condition B

Salt Spray

MIL-STD-202, Method 101, Condition B

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

Plotted and Other Data

N Male to BNC 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: [N Male to BNC Female Adapter PE910038](#)

URL: <https://www.pasternack.com/n-male-to-bnc-female-adapter-pe910038.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. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE910038 CAD Drawing
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