

Commercial Grade TNC Male to N Female Adapter



PE910053

Configuration

- TNC Male Connector 1
- N Female Connector 2
- 50 Ohms Impedance
- Commercial Grade Design
- Straight Body Geometry

Features

- Gold Plated Brass Contact

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Pasternack's PE910053 TNC male to type N female adapter is part of our full line of RF components available for same-day shipping. Our TNC to type N adapter has a male to female gender configuration in a commercial grade design. PE910053 TNC male to type N female adapter operates to 11 GHz.

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)			500	Vdc
Dielectric Withstanding Voltage (AC)			1,000	Vrms

Mechanical Specifications

Size

Length	1.32 in [33.60 mm]
Width	0.63 in [15.95 mm]
Height	0.63 in [15.95 mm]
Weight	0.06 lbs [27.22 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	TNC Male		N Female	
Contact	Brass	Gold	Brass	Gold
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel		
Body	Brass	Nickel	Brass	Nickel

Environmental Specifications

Temperature

Operating Range

-55 to +85 °C

Humidity

MIL-Std-202, Method 106, Condition B

Vibration

MIL-Std-202, Method 204, Condition B

Altitude

MIL-Std-202, Method 105, Condition C

Temperature Cycling

MIL-Std-202, Method 102, Condition C

Salt Spray

MIL-Std-202, Method 101, Condition C

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

Plotted and Other Data

Commercial Grade TNC Male 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 TNC Male to N Female Adapter PE910053](#)

URL: <https://www.pasternack.com/commercial-grade-tnc-male-to-n-female-adapter-pe910053.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.

PE910053 CAD Drawing
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