

Commercial Grade SMA Male to TNC Female Adapter

PE910088



Configuration

- SMA Male Connector 1
- TNC 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 PE910088 SMA male to TNC female adapter is part of our full line of RF components available for same-day shipping. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. Our SMA to TNC adapter has a male to female gender configuration in a commercial grade design. PE910088 SMA male to TNC female adapter operates to 3 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		3	GHz
Impedance		50		Ohms

Mechanical Specifications

Size	
Length	0.98 in [24.89 mm]
Width	0.50 in [12.70 mm]
Height	0.50 in [12.70 mm]
Weight	0.90 lbs [408.23 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard

Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	SMA Male		TNC Female	

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Contact	Brass	Gold	Brass	Gold
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel	Brass	Nickel
Body	Brass	Nickel	Brass	Nickel
Coupling Nut	Brass	Nickel		

Compliance Certifications

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

Commercial Grade SMA Male to TNC 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 SMA Male to TNC Female Adapter PE910088](#)

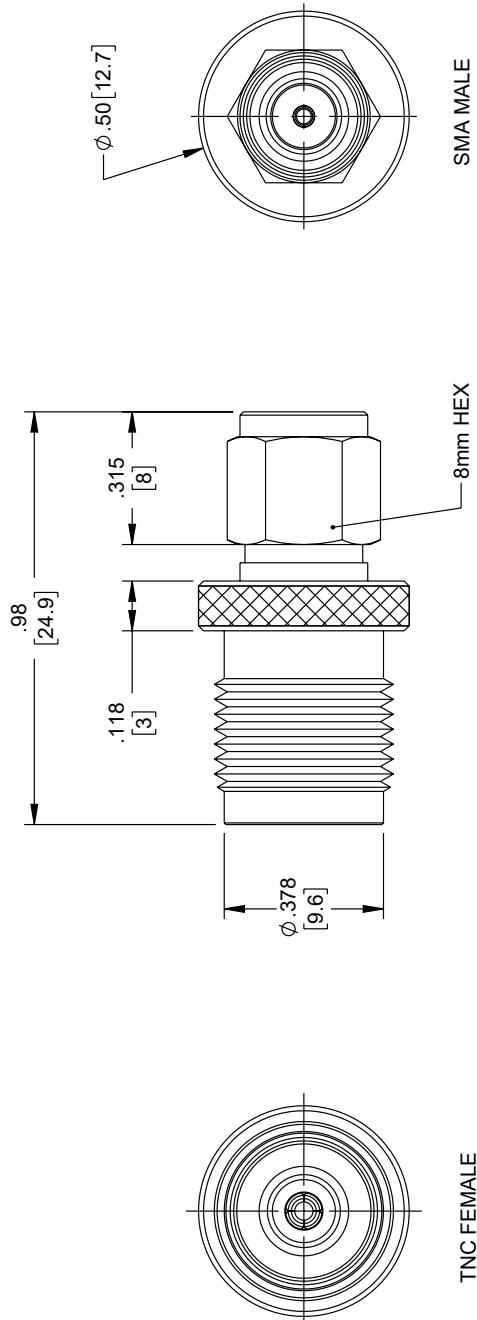
URL: <https://www.pasternack.com/commercial-grade-sma-male-to-tnc-female-adapter-pe910088.html>

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.

PE910088 CAD Drawing

Commercial Grade SMA Male to TNC Female Adapter

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	01/23/2025	KGLIEBOVA	AGANWANI



 <p>PASTERACK® an INFINITI® brand</p>		 <p>INTERPRET ALL DIMENSIONS AND TOLERANCES AS IN Y1.4.5 SHEET 1 OF 1</p>	
<p>UNLESS OTHERWISE SPECIFIED, LEAD DIMENSIONS ARE IN MILLIMETERS. TOLERANCES: $X = \pm 0.2$ [5]</p> <p>$XX = \pm 0.05$ [0.3]</p> <p>$XXX = \pm 0.005$ [0.1]</p>		<p>FRACTIONS: $\frac{1}{16}$, $\frac{1}{32}$, $\frac{1}{64}$, $\frac{1}{128}$, $\frac{1}{256}$, $\frac{1}{512}$, $\frac{1}{1024}$, $\frac{1}{2048}$, $\frac{1}{4096}$, $\frac{1}{8192}$, $\frac{1}{16384}$, $\frac{1}{32768}$, $\frac{1}{65536}$, $\frac{1}{131072}$, $\frac{1}{262144}$, $\frac{1}{524288}$, $\frac{1}{1048576}$, $\frac{1}{2097152}$, $\frac{1}{4194304}$, $\frac{1}{8388608}$, $\frac{1}{16777216}$, $\frac{1}{33554432}$, $\frac{1}{67108864}$, $\frac{1}{134217728}$, $\frac{1}{268435456}$, $\frac{1}{536870912}$, $\frac{1}{1073741824}$, $\frac{1}{2147483648}$, $\frac{1}{4294967344}$, $\frac{1}{8589934688}$, $\frac{1}{17179869376}$, $\frac{1}{34359738752}$, $\frac{1}{68719477504}$, $\frac{1}{13743895504}$, $\frac{1}{27487791008}$, $\frac{1}{54975582016}$, $\frac{1}{109951164032}$, $\frac{1}{219902328064}$, $\frac{1}{439804656128}$, $\frac{1}{879609312256}$, $\frac{1}{1759218624512}$, 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