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PASTERNACK®
THE ENGINEER'S RF SOURCE

TNC Male to BNC Female Adapter



RF Adapters Technical Data Sheet

PE9088

Configuration

- TNC Male Connector 1
- BNC Female Connector 2
- 50 Ohm
- Straight Body Geometry

Features

- Max VSWR of 1.5:1 up to 2 GHz
- 30 µin minimum contact plating
- Gold Plated Contact

Applications

- Allows Connection Between Series
- General Purpose Test

Description

Pasternack's PE9088 TNC male to BNC female adapter is part of our full line of RF components available for same-day shipping. Our TNC to BNC adapter has a male to female gender configuration. PE9088 TNC male to BNC female adapter operates to 2 GHz. The Pasternack RF adapter provides good VSWR of 1.5:1 maximum.

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		2	GHz
VSWR			1.5:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size

Length	1.24 in [31.5 mm]
Width	0.571 in [14.5 mm]
Height	0.571 in [14.5 mm]
Weight	0.047 lbs [21.32 g]

Description	Connector 1	Connector 2
Type	TNC Male	BNC Female
Polarity	Standard	Standard

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: TNC Male to BNC Female Adapter PE9088

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Material Specifications

Description	Connector 1 Material	Connector 1 Plating	Connector 2 Material	Connector 2 Plating
Type	TNC Male		BNC Female	
Contact	Brass	Gold 30 µin minimum	Brass	Gold 30 µin minimum
Insulation	PTFE		PTFE	
Outer Conductor			Brass	Nickel 100 µin minimum
Body	Brass	Nickel 100 µin minimum		
Coupling Nut	Brass	Nickel 100 µin minimum		

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

TNC 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% 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: TNC Male to BNC Female Adapter PE9088

URL: https://www.pasternack.com/tnc-male-bnc-female-straight-adapter-pe9088-p.aspx

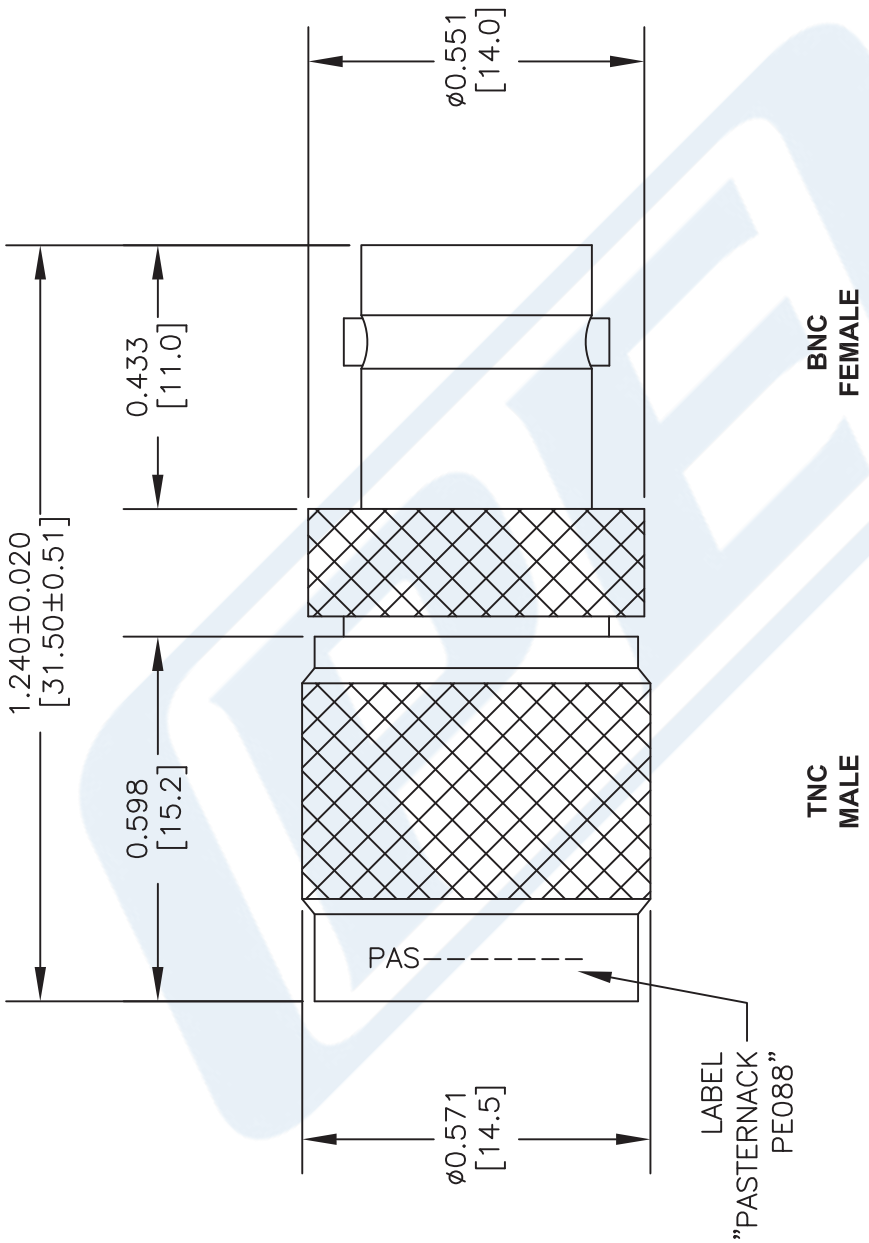
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PE9088 CAD Drawing

TNC Male to BNC Female Adapter



STANDARD TOLERANCES
.X ±0.2
.XX ±0.1
.XXX ±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE: PE9088

FSCM NO. 53919 | CAD FILE 020816 | SCALE N/A | SIZE A | 3045

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

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