



## RP TNC Male to RP TNC Female Right Angle Adapter

### RF Adapters Technical Data Sheet

PE9918

#### Configuration

- TNC Male Reverse Polarity Connector 1
- TNC Female Reverse Polarity Connector 2
- 50 Ohm
- Right Angle Body Geometry

#### Features

- Max VSWR of 1.25:1 up to 6 GHz
- 30  $\mu$ m minimum contact plating
- Gold Plated Contact
- Max VSWR of 1.25:1 up to 6 GHz
- Gold Plated Brass Contact
- 30  $\mu$ m min Gold Contact Plating

#### Applications

- General Purpose Test
- General Purpose Test

#### Description

Pasternack's PE9918 RP TNC male to RP TNC female right angle adapter is part of our full line of RF components available for same-day shipping. Our reverse polarity TNC to reverse polarity TNC adapter has a male to female gender configuration. PE9918 reverse polarity TNC male to reverse polarity TNC female adapter operates to 6 GHz. The Pasternack RF adapter provides excellent VSWR of 1.25:1 maximum. This right angle TNC to TNC adapter allows for easier connections in tight spaces.

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		6	GHz
VSWR			1.25:1	
Operating Voltage (AC)			500	Vrms

#### Mechanical Specifications

##### Size

Length	1.051 in [26.7 mm]
Width	0.965 in [24.51 mm]
Height	0.591 in [15.01 mm]
Weight	0.059 lbs [26.76 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RP TNC Male to RP TNC Female Right Angle Adapter PE9918](#)



## RP TNC Male to RP TNC Female Right Angle Adapter

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Description	Connector 1	Connector 2
Type	TNC Male	TNC Female
Polarity	Reverse Polarity	Reverse Polarity

#### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	TNC Male Reverse Polarity		TNC Female Reverse Polarity	
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	Brass	Nickel 100 µin minimum
Gasket	Silicone			
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:

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## RP TNC Male to RP TNC Female Right Angle Adapter

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RP TNC Male to RP TNC Female Right Angle 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.

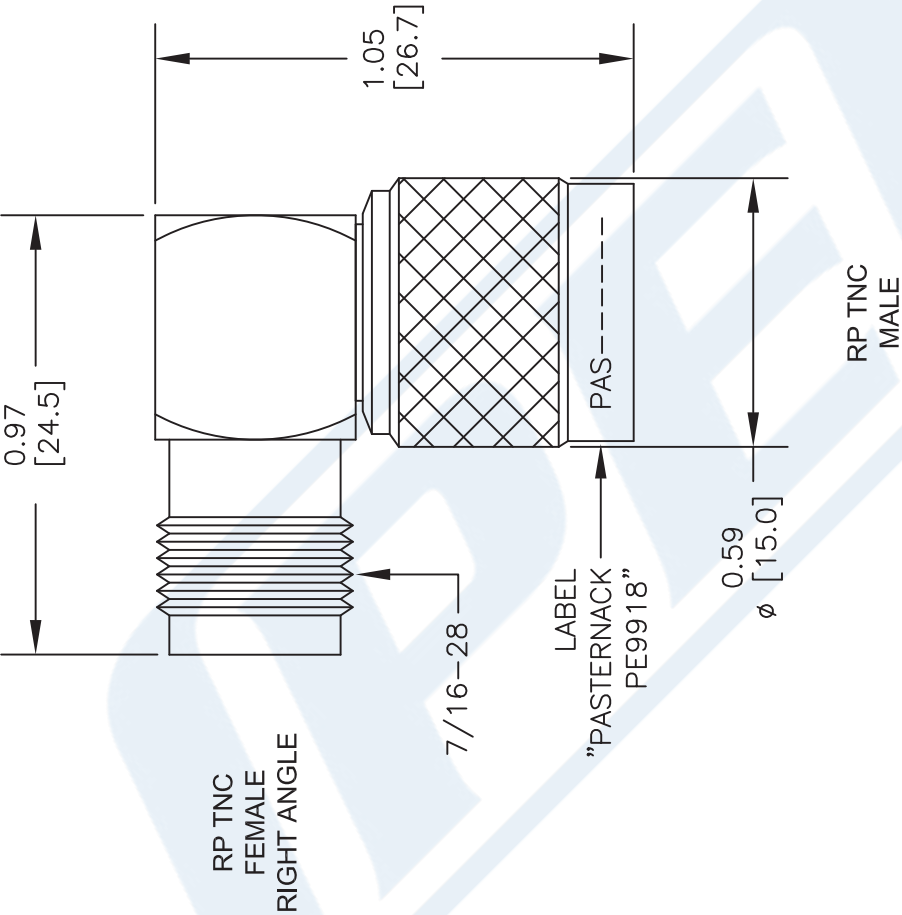
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RP TNC Male to RP TNC Female Right Angle Adapter PE9918](https://www.pasternack.com/tnc-male-tnc-female-right-angle-adapter-pe9918-p.aspx)

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The information contained in 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 reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE9918 CAD Drawing

RP TNC Male to RP TNC Female Right Angle Adapter



STANDARD TOLERANCES

.X	±0.2
.XX	±0.1
.XXX	±0.05

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

**PE PASTERNAK**  
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DWG TITLE

**PE9918**

FSCM NO. 53919

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].

CAD FILE	062016	SCALE	N/A	SIZE	A	2233
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