

TNC Male Connector Clamp/Solder Attachment for PE-P142LL, with Lock Wire Holes



PE48104

Configuration

- TNC Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: PE-P142LL

Features

- Max. Operating Frequency 18 GHz
- Excellent VSWR of 1.16:1
- Gold over Nickel Plated Beryllium Copper Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE48104 TNC Male Connector Clamp/Solder Attachment for PE-P142LL Cable, is part of our full line of RF components available for same-day shipping. Our TNC male connector operates up to a maximum frequency of 18 GHz and offers excellent VSWR of 1.16:1.

Our TNC male connector PE48104 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.16:1	
Insertion Loss			0.17	dB
Dielectric Withstanding Voltage (AC)			1,800	Vrms
Impedance		50		Ohms

Electrical Specification Notes:
Insertion loss is equal to $0.04 \times \sqrt{\text{FGHz}}$

Mechanical Specifications

Size

Length	1.27 in [32.26 mm]
Width	0.625 in [15.88 mm]
Height	0.625 in [15.88 mm]
Weight	0.04 lbs [18.14 g]
Mating Torque	12 to 15 in-lbs [1.36 to 1.70 Nm]

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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel
Insulation	PTFE	
Body	Passivated Stainless Steel	
Coupling Nut	Passivated Stainless Steel	
Retaining Ring		Brass
Gasket	Silicone Rubber	
Crimp Sleeve	Gold	
O-Ring	Silicone Rubber	

Environmental Specifications

Temperature

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

Plotted and Other Data

Notes:

TNC Male Connector Clamp/Solder Attachment for PE-P142LL, with Lock Wire Holes 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: [TNC Male Connector Clamp/Solder Attachment for PE-P142LL, with Lock Wire Holes PE48104](#)

URL: <https://www.pasternack.com/tnc-male-pe-p142ll-connector-pe48104.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.

PE48104 CAD Drawing
TNC Male Connector Clamp/Solder Attachment for PE-P142LL, with Lock Wire Holes



