



High Performance TNC Female Bulkhead Solder / Clamp connectors for and PE-P142LL Coax

RF Connectors Technical Data Sheet

PE44811

Configuration

- TNC Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- PE-P142LL Interface Type
- Clamp/Solder Attachment
- Bulkhead
- Precision Design

Features

- Gold Platted Solder ferrules
- Stainless Steel Interface and connector Body
- Excellent VSWR to 18 Ghz
- Tuned specifically for use with 83% VoP Tape Style
- Low Loss Coax
- Compatible with Harbour LL142 Coax
- Easy to assemble multi Piece design

Description

Pasternack's solder/clamp connectors designed for use with our flexible PE-P142LL Low Loss coax offer excellent performance and durability. The multi piece design has been optimized for use with Low Loss tape wrapped coax having a 83% VoP. The stainless steel construction provides for over 500 mating cycles. These connectors are compatible with LL142 coax from Harbour Industries.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.16:1	
Insertion Loss			0.22	dB
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length

1.36 in [34.54 mm]

Width/Dia.

0.625 in [15.88 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Female Bulkhead Mount Precision Connector Clamp/Solder Attachment for PE-P142LL PE44811](#)



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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold ASTM-B488, 50μ in. minimum
Insulation	PEI	
Outer Conductor	Passivated Stainless Steel	SAE-AMS-2700
Body	Passivated Stainless Steel	SAE-AMS-2700

Environmental Specifications

Temperature

Operating Range

-65 to 165 deg C

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant

Plotted and Other Data

Notes:

High Performance TNC Female Bulkhead Solder /Clamp connectors for and PE-P142LL Coax 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 Female Bulkhead Mount Precision Connector Clamp/Solder Attachment for PE-P142LL PE44811](http://www.pasternack.com/tnc-female-pe-p142ll-connector-pe44811-p.aspx)

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