

## TNC Female Bulkhead to Straight Cut Lead Cable Using PE-SR402FL Coax



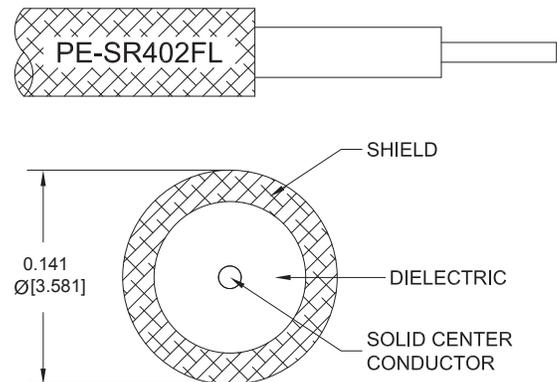
### PE3C9881

#### Configuration

- Connector 1: TNC Female Bulkhead
- Connector 2: Straight Cut Lead
- Cable Type: PE-SR402FL
- Coax Flex Type: Formable

#### Features

- Shielding Effectivity > 110 dB
- 69.5% Phase Velocity



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3C9881 50 ohm TNC female bulkhead to straight cut lead cable using PE-SR402FL coax is part of our full line of RF components available for same-day shipping. Pasternack's formable RF cable assemblies provide an alternative to costly pre-formed semi-rigid assemblies since they are hand formable. Our RF cable assembly with TNC bulkhead interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Velocity of Propagation		69.5		%
RF Shielding	110			dB
Capacitance		29 [95.14]		pF/ft [pF/m]
DC Resistance Inner Conductor		7.8 [25.59]		Ohms/1000ft [Ohms/Km]
DC Resistance Outer Conductor		5.5 [18.04]		Ohms/1000ft [Ohms/Km]

#### Mechanical Specifications

##### Cable Assembly

Width/Diameter 0.5 in [12.7 mm]  
Weight 0.072 lbs [32.66 g]

##### Cable

Cable Type PE-SR402FL

## TNC Female Bulkhead to Straight Cut Lead Cable Using PE-SR402FL Coax



### PE3C9881

Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PTFE
Outer Conductor 1 Material and Plating	Tinned Copper Braid
Repeated Minimum Bend Radius	0.625 in [15.88 mm]

### Connectors

Description	Connector 1	Connector 2
Type	TNC Female Bulkhead	Straight Cut Lead
Impedance	50 Ohms	0 Ohms
Configuration	Straight	Straight
Body Material and Plating	Brass, Nickel	

### Environmental Specifications

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

### Plotted and Other Data

Notes:

## TNC Female Bulkhead to Straight Cut Lead Cable Using PE-SR402FL Coax



### PE3C9881

#### Typical Performance Data

#### How to Order

Part Number Configuration:

**PE3C9881**

- **xx**

**uu**

Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3C9881-12 = 12 inches long cable  
PE3C9881-100cm = 100 cm long cable

TNC Female Bulkhead to Straight Cut Lead Cable Using PE-SR402FL Coax 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.

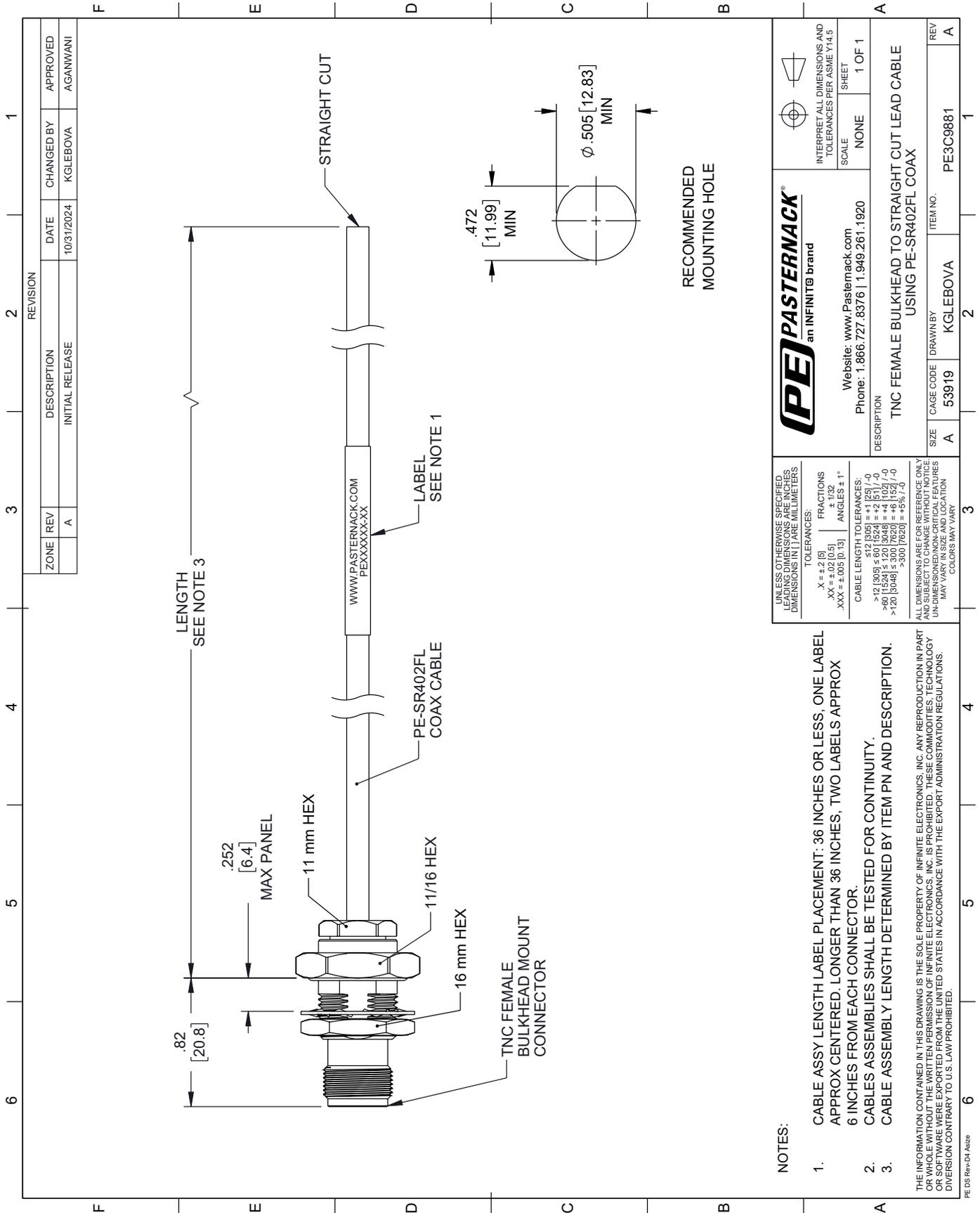
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Female Bulkhead to Straight Cut Lead Cable Using PE-SR402FL Coax PE3C9881](#)

URL: <https://www.pasternack.com/tnc-female-bulkhead-to-straight-cut-lead-cable-using-pe-sr402fl-pe3c9881-p.aspx>

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.

# PE3C9881 CAD Drawing

TNC Female Bulkhead to Straight Cut Lead Cable Using PE-SR402FL Coax



 <b>PASTERNAK</b> an INFINIT® brand		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1	
Website: <a href="http://www.Pasternack.com">www.Pasternack.com</a> Phone: 1.866.727.8376   1.949.261.1920		DESCRIPTION: <b>TNC FEMALE BULKHEAD TO STRAIGHT CUT LEAD CABLE USING PE-SR402FL COAX</b>	
SIZE: A	CAGE CODE: 53919	DRAWN BY: KGLEBOVA	ITEM NO.: PE3C9881
REV: A		APPROVED: AGANWANI	

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN PAREMILLIMETERS

TOLERANCES:  
 X = ±.2 [5] FRACTIONS  
 .XX = ±.02 [0.5]  
 .XXX = ±.005 [0.13]  
 ANGLES ± 1°

CABLE LENGTH TOLERANCES:  
 >12 [305] ≤ 60 [1524] = +.1 [25] / -0  
 >60 [1524] ≤ 120 [3048] = +.4 [102] / -0  
 >120 [3048] ≤ 300 [7620] = +.5 [12.7] / -0  
 >300 [7620] = +.5 [12.7] / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY. DIMENSIONS ON CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

- NOTES:
- CABLE ASSY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS, ONE LABEL APPROX CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROX 6 INCHES FROM EACH CONNECTOR.
  - CABLES ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.
  - CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.
- THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.