



2.4mm Female Bulkhead to Straight Cut Lead Cable Using PE-SR405FLJ Coax

RF Cable Assemblies Technical Data Sheet

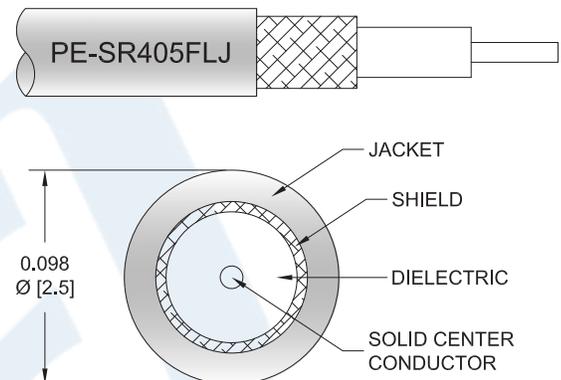
PE3C6661

Configuration

- Connector 1: 2.4mm Female Bulkhead
- Connector 2: Straight Cut Lead
- Cable Type: PE-SR405FLJ

Features

- Shielding Effectivity > 100 dB
- 69.5% Phase Velocity
- FEP Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C6661 50 ohm 2.4mm female bulkhead to straight cut lead cable using PE-SR405FLJ 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 2.4mm 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	100			dB
Group Delay		1.43 [4.69]		ns/ft [ns/m]
Capacitance		29 [95.14]		pF/ft [pF/m]
DC Resistance Inner Conductor		65.7 [215.55]		Ω /1000ft [Ω /Km]
DC Resistance Outer Conductor		10.2 [33.46]		Ω /1000ft [Ω /Km]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.4mm Female Bulkhead to Straight Cut Lead Cable Using PE-SR405FLJ Coax PE3C6661](#)



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Mechanical Specifications

Cable Assembly

Weight 0.032 lbs [14.51 g]

Cable

Cable Type PE-SR405FLJ
 Impedance 50 Ohms
 Inner Conductor Type Solid
 Inner Conductor Material and Plating Copper Clad Steel, Silver
 Dielectric Type PTFE
 Number of Shields 1
 Outer Conductor Material and Plating Tinned Copper Composite Braid
 Jacket Material FEP, Black
 Jacket Diameter 0.105 in [2.67 mm]

One Time Minimum Bend Radius 0.5 in [12.7 mm]
 Repeated Minimum Bend Radius 0.787 in [19.99 mm]

Connectors

Description	Connector 1	Connector 2
Type	2.4mm Female Bulkhead	Straight Cut Lead
Specification	IEEE-STD-P287	
Impedance	50 Ohms	0 Ohms
Contact Material and Plating	Beryllium Copper, Gold over Nickel	
Contact Plating Specification	50 µin minimum	
Dielectric Type	PEI	
Body Material and Plating	Passivated Stainless Steel	
Body Plating Specification	SAE-AMS-2700	

Environmental Specifications

Temperature

Operating Range -55 to +125 deg C

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

Plotted and Other Data

Notes:

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How to Order

Part Number Configuration:

PE3C6661

- **xx**

uu

Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3C6661-12 = 12 inches long cable
PE3C6661-100cm = 100 cm long cable

2.4mm Female Bulkhead to Straight Cut Lead Cable Using PE-SR405FLJ 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.

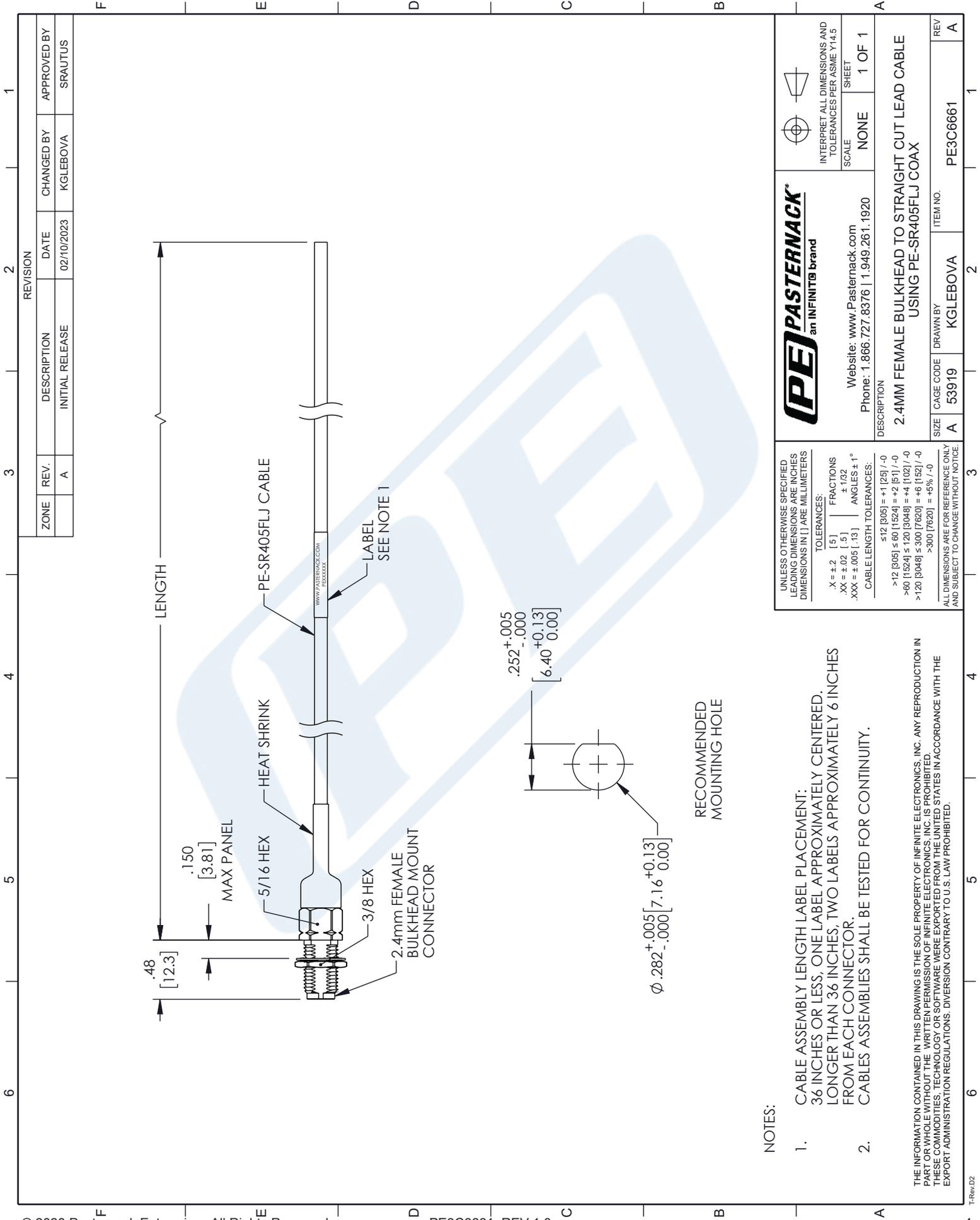
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URL: <https://www.pasternack.com/2.4mm-female-bulkhead-to-straight-cut-lead-cable-using-pe-sr405flj-pe3c6661-p.aspx>

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.

PE3C6661 CAD Drawing

2.4mm Female Bulkhead to Straight Cut Lead Cable Using PE-SR405FLJ Coax



<p>PASTERNAK an INFINITO brand</p> <p>Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920</p>		<p>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</p> <p>SCALE: NONE</p> <p>SHEET: 1 OF 1</p>
<p>DESCRIPTION</p> <p>2.4MM FEMALE BULKHEAD TO STRAIGHT CUT LEAD CABLE USING PE-SR405FLJ COAX</p>		
<p>SIZE: A</p> <p>CAGE CODE: 53919</p> <p>DRAWN BY: KGLEBOVA</p> <p>ITEM NO.: PE3C6661</p>	<p>REV: A</p>	