



## Mini SMP Female to 2.92mm Female Bulkhead Cable Using RG405 Coax , LF Solder

### RF Cable Assemblies Technical Data Sheet

PE3W07770LF

#### Configuration

- Connector 1: Mini SMP Female
- Connector 2: 2.92mm Female Bulkhead
- Cable Type: RG405

#### Features

- Shielding Effectivity > -110 dB
- 69.5% Phase Velocity

#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3W07770LF Mini SMP female to 2.92mm female bulkhead cable using RG405 coax is part of our full line of RF components available for same-day shipping. Pasternack's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. This Pasternack Mini SMP to 2.92mm cable assembly has a female to female gender configuration with 50 ohm semi-rigid RG405 coax. Our RF cable assembly with 2.92mm 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		29.4 [96.46]		pF/ft [pF/m]

#### Mechanical Specifications

##### Cable Assembly

Weight 0.03 lbs [13.61 g]

##### Cable

Cable Type RG405  
 Impedance 50 Ohms  
 Inner Conductor Type Solid

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Mini SMP Female to 2.92mm Female Bulkhead Cable Using RG405 Coax , LF Solder PE3W07770LF](#)



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Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Outer Conductor Material and Plating	Copper
Repeated Minimum Bend Radius	0.05 in [1.27 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	Mini SMP Female	2.92mm Female Bulkhead
Specification	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold over Nickel
Contact Plating Specification		50 µin minimum
Dielectric Type	PTFE	
Body Material and Plating	Beryllium Copper, Gold	Passivated Stainless Steel
Body Plating Specification		SAE-AMS-2700

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

**Plotted and Other Data**

Notes:

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**PE3W07770LF**

**How to Order**

Part Number Configuration:

**PE3W07770LF - xx uu**

Unit of Measure:  
cm = Centimeters  
<blank> = Inches  
Length  
Base Number

Example: PE3W07770LF-12 = 12 inches long cable  
PE3W07770LF-100cm = 100 cm long cable

Mini SMP Female to 2.92mm Female Bulkhead Cable Using RG405 Coax , LF Solder 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.

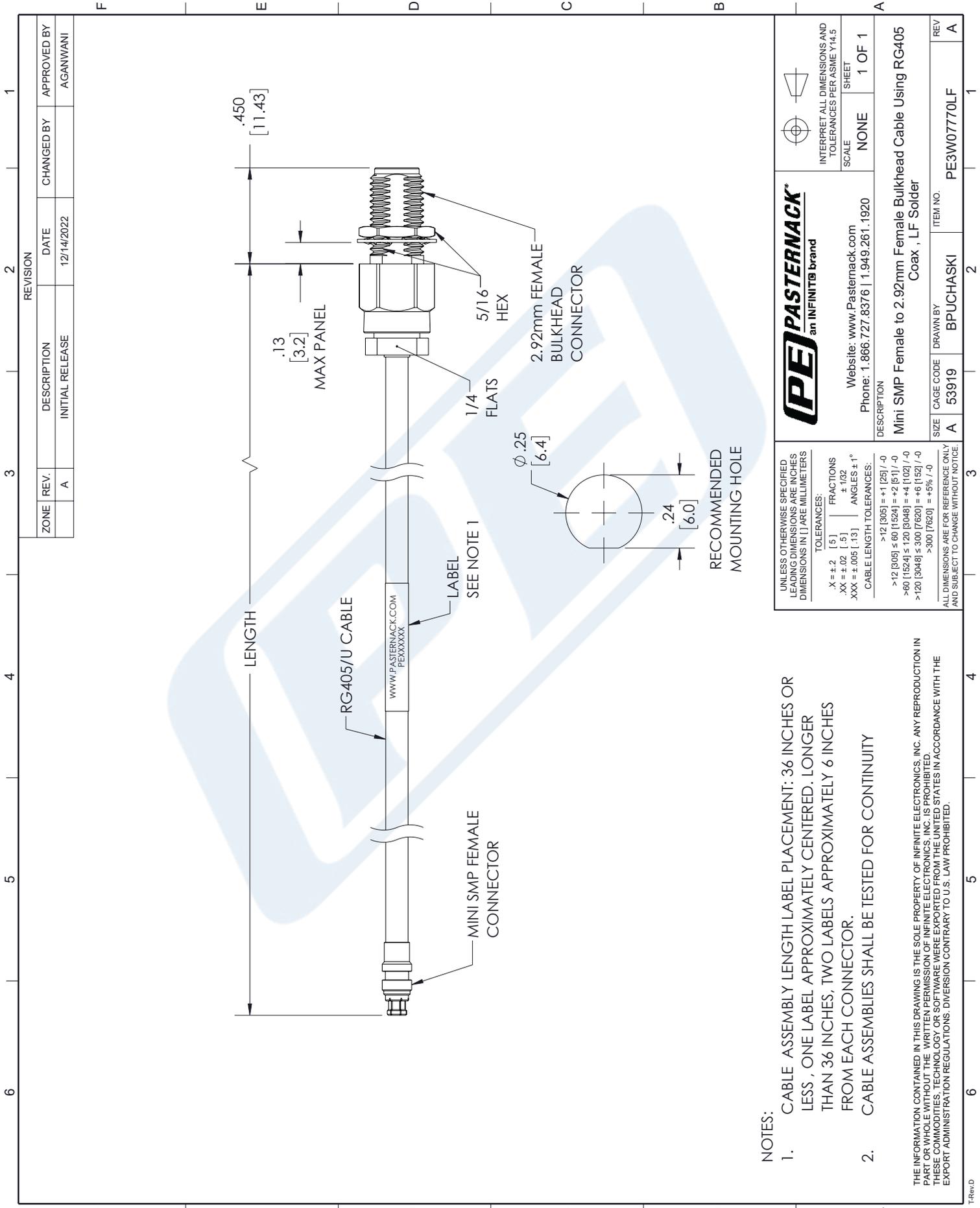
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Mini SMP Female to 2.92mm Female Bulkhead Cable Using RG405 Coax , LF Solder PE3W07770LF](#)

URL: <https://www.pasternack.com/mini-smp-female-to-2.92mm-female-bulkhead-cable-using-rg405-lf-solder-pe3w07770lf-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.

# PE3W07770LF CAD Drawing

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**NOTES:**

1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS , ONE LABEL APPROXIMATELY CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
2. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS	
TOLERANCES:	
X = ± .2 [5]	FRACTIONS ± 1/32
.XX = ± .02 [.5]	ANGLES ± 1°
XXX = ± .005 [.13]	CABLE LENGTH TOLERANCES:
	>12 [305] = +1 [25] / -0
	>60 [1524] ≤ 60 [1524] = +2 [51] / -0
	>120 [3048] ≤ 120 [3048] = +4 [102] / -0
	>300 [7620] ≤ 300 [7620] = +6 [152] / -0
	>300 [7620] = +5% / -0
ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.	

<b>PE PASTERNAK</b> an INFINITIB brand		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
Website: <a href="http://www.Pasternack.com">www.Pasternack.com</a>		SCALE	SHEET
Phone: 1.866.727.8376   1.949.261.1920		NONE	1 OF 1
DESCRIPTION Mini SMP Female to 2.92mm Female Bulkhead Cable Using RG405 Coax , LF Solder			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	53919	BPUCHASKI	PE3W07770LF
REV			A