

SMA Female Bulkhead to Straight Cut Lead Cable Using PE-SR405AL Coax

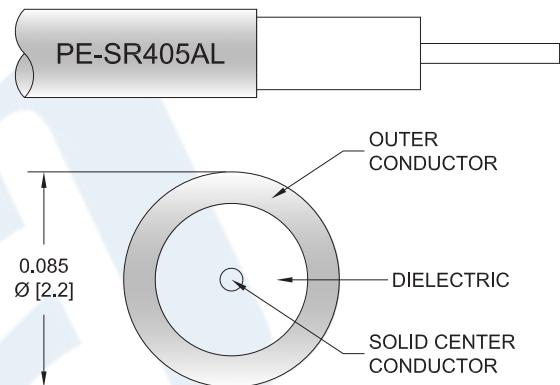


RF Cable Assemblies Technical Data Sheet

PE3C6106

Configuration

- Connector 1: SMA Female Bulkhead
- Connector 2: Straight Cut Lead
- Cable Type: PE-SR405AL



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C6106 50 ohm SMA female bulkhead to straight cut lead cable using PE-SR405AL 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. Our RF cable assembly with SMA 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.

Mechanical Specifications

Cable Assembly

Weight 0.019 lbs [8.62 g]

Cable

Cable Type	PE-SR405AL
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 Aluminum

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Female Bulkhead to Straight Cut Lead Cable Using PE-SR405AL Coax PE3C6106](#)

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One Time Minimum Bend Radius 0.05 in [1.27 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMA Female Bulkhead	Straight Cut Lead
Specification	MIL-STD-348A	
Impedance	50 Ohms	0 Ohms
Contact Material and Plating	Beryllium Copper, Gold	
Contact Plating Specification	50 μ in minimum	
Dielectric Type	PTFE	
Body Material and Plating	Stainless Steel, Gold	
Body Plating Specification	30 μ in minimum	

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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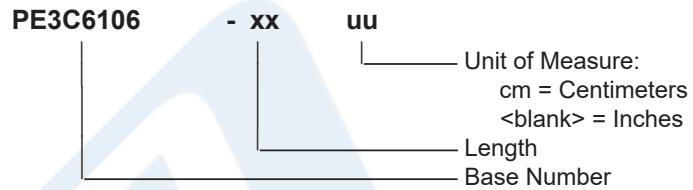


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How to Order

Part Number Configuration:



Example: PE3C6106-12 = 12 inches long cable
PE3C6106-100cm = 100 cm long cable

SMA Female Bulkhead to Straight Cut Lead Cable Using PE-SR405AL 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: [SMA Female Bulkhead to Straight Cut Lead Cable Using PE-SR405AL Coax PE3C6106](#)

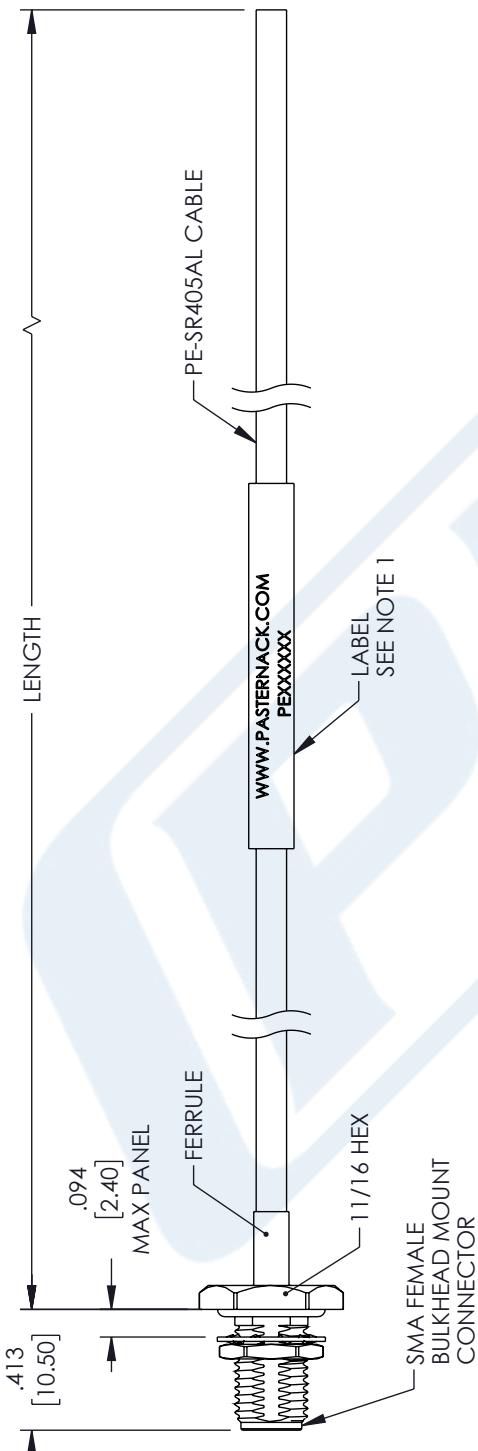
URL: <https://www.pasternack.com/sma-female-bulkhead-to-straight-cut-lead-cable-using-pe-sr405al-pe3c6106-p.aspx>

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.

PE3C6106 CAD Drawing

SMA Female Bulkhead to Straight Cut Lead Cable Using PE-SR405AL Coax

ZONE	REV.	DESCRIPTION	DATE	CHANGED BY	APPROVED BY
	A	INITIAL RELEASE	02/10/2023	KGLEBOVA	AGANWANI



$$.240 \begin{array}{l} +.005 \\ -.000 \end{array} \quad \left[\begin{array}{cc} 6.10 & +0.13 \\ 0.00 & 0.00 \end{array} \right]$$

**RECOMMENDED
MOUNTING HOLE**

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
CABLES ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.
- 2.

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