

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

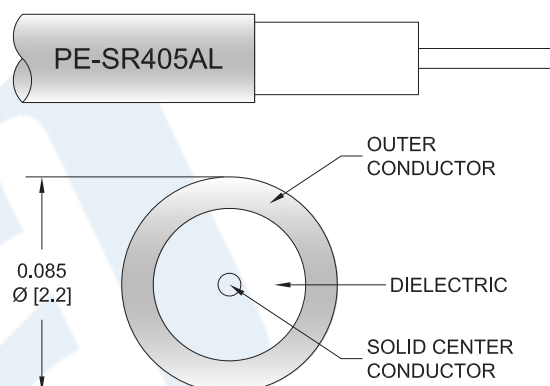


RF Cable Assemblies Technical Data Sheet

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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Cable Using PE-SR405AL Coax

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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 µin minimum	
Dielectric Type	PTFE	
Body Material and Plating	Stainless Steel, Gold	
Body Plating Specification	30 µin 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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PE3C6106

How to Order

Part Number Configuration:

PE3C6106

- **xx**

uu

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

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.

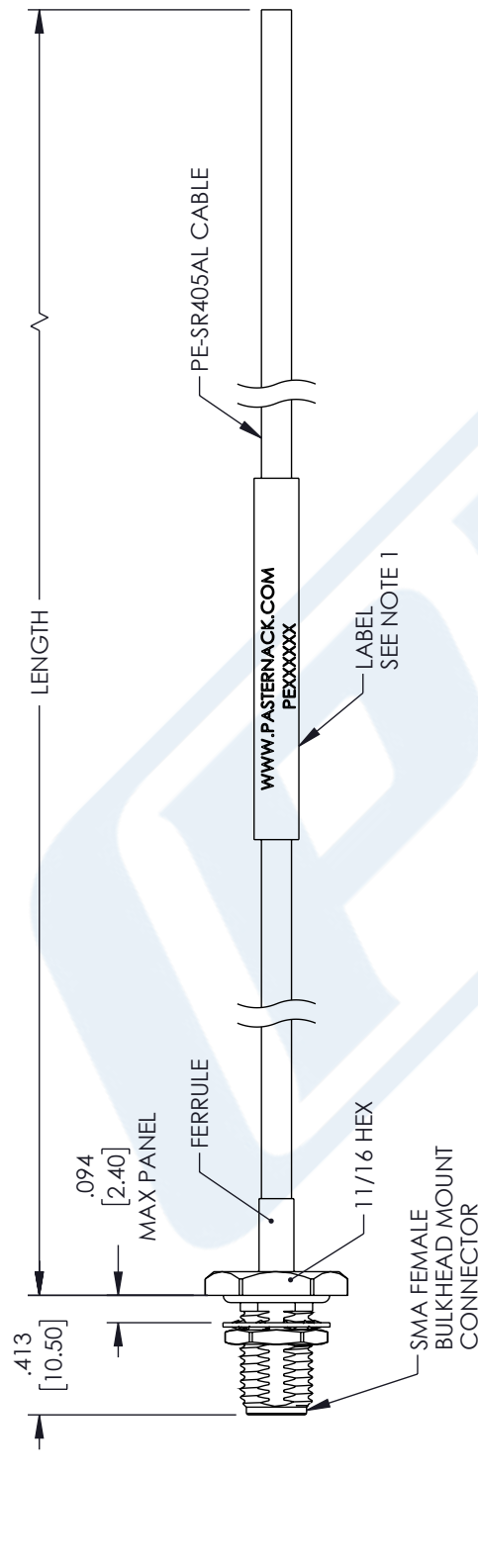
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URL: <https://www.pasternack.com/sma-female-bulkhead-to-straight-cut-lead-cable-using-pe-sr405al-pe3c6106-p.aspx>

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RECOMMENDED
MOUNTING HOLE
$$\phi \begin{bmatrix} .255 & +.005 \\ -.000 & 6.48 \end{bmatrix} \begin{bmatrix} +0.13 \\ 0.00 \end{bmatrix}$$

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. CABLES ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.

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

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS		 		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
TOLERANCES:				SCALE	SHEET
X = +.2 [.5]		FRACTIONS		NONE	1 OF 1
XX = +.02 [.5]		+ / -			
XXX = +.005 [.13]		ANGLES ± °			
CABLE LENGTH TOLERANCES:					
		≤12 [305] = +1 [25] / -0			
		>12 [305] ≤ 60 [1524] = +2 [51] / -0			
		>60 [1524] ≤ 120 [3048] = +4 [102] / -0			
		>120 [3048] ≤ 300 [7620] = +6 [152] / -0			
		>300 [7620] = +5% / -0			
ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.					