



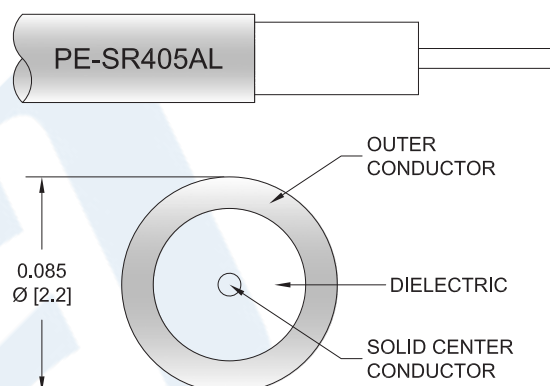
SMA Male to SMA Male Cable Using PE-SR405AL Coax

RF Cable Assemblies Technical Data Sheet

PE3C6642

Configuration

- Connector 1: SMA Male
- Connector 2: SMA Male
- Cable Type: PE-SR405AL



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C6642 SMA male to SMA male 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. This Pasternack SMA to SMA cable assembly has a male to male gender configuration with 50 ohm semi-rigid PE-SR405AL coax.

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 0.014 lbs [6.35 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

One Time Minimum Bend Radius 0.05 in [1.27 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to SMA Male Cable Using PE-SR405AL Coax PE3C6642](#)



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Connectors

Description	Connector 1	Connector 2
Type	SMA Male	SMA Male
Impedance	50 Ohms	50 Ohms

Environmental Specifications

Temperature

Operating Range

-55 to +125 deg C

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

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:

PE3C6642

- **xx**

uu

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

Example: PE3C6642-12 = 12 inches long cable
PE3C6642-100cm = 100 cm long cable

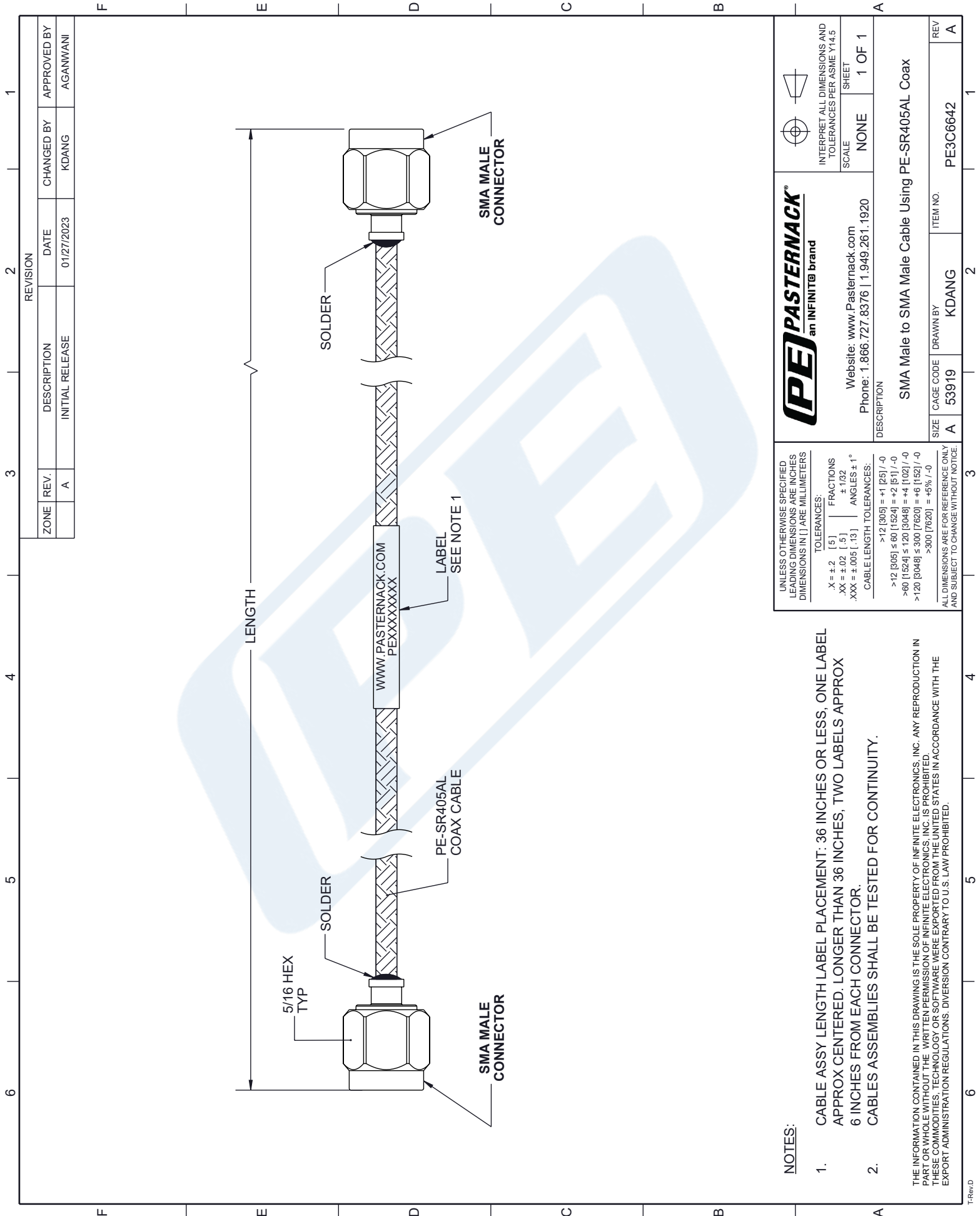
SMA Male to SMA Male Cable Using PE-SR405AL Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to SMA Male Cable Using PE-SR405AL Coax PE3C6642](#)

URL: <https://www.pasternack.com/sma-male-to-sma-male-cable-using-pe-sr405al-pe3c6642-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.

PE3C6642 CAD Drawing
SMA Male to SMA Male Cable Using PE-SR405AL Coax



REVISION			
ZONE	REV.	DESCRIPTION	DATE
	A	INITIAL RELEASE	01/27/2023
			CHANGED BY
			AGANWANI

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.

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Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920		SHEET 1 OF 1	
DESCRIPTION SMA Male to SMA Male Cable Using PE-SR405AL Coax		SCALE NONE	
SIZE A	CAGE CODE 53919	DRAWN BY KDANG	REV A
ITEM NO. PE3C6642			

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:
X = ±.2 [5] FRACTIONS
XX = ±.02 [.5] ±.1/32
XXX = ±.005 [.13] ANGLES ± 1°

CABLE LENGTH TOLERANCES:
>12 [305] = +1 [25] / -0
>60 [1524] = +2 [51] / -0
>120 [3048] = +4 [102] / -0
>300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY
AND SUBJECT TO CHANGE WITHOUT NOTICE.