

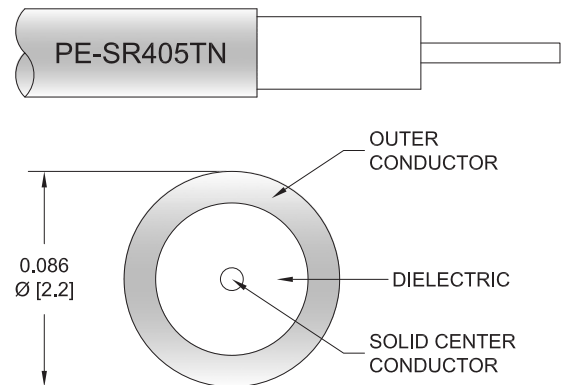
SMB Plug Right Angle to SMB Plug Right Angle Cable Using Tinned RG405 Coax



PE3W01807

Configuration

- Connector 1: SMB Plug Right Angle
- Connector 2: SMB Plug Right Angle
- Cable Type: RG405 Tinned
- Coax Flex Type: Semi-Rigid



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W01807 SMB plug right angle to SMB plug right angle cable using tinned 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 SMB to SMB cable assembly has a plug to plug gender configuration with 50 ohm semi-rigid RG405 tinned coax. The right angle SMB interfaces on the RG405 tinned cable allow for easier connections in tight spaces.

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

Width/Diameter	0.5 in [12.7 mm]
Weight	0.027 lbs [12.25 g]

Cable

Cable Type	RG405 Tinned
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Tinned Copper
One Time Minimum Bend Radius	0.05 in [1.27 mm]

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Connectors

Description	Connector 1	Connector 2
Type	SMB Plug Right Angle	SMB Plug Right Angle
Impedance	50 Ohms	50 Ohms
Configuration	Right Angle	Right Angle
Contact Material and Plating	Gold	Gold
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Gold	Brass, Gold

Environmental Specifications

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

Plotted and Other Data

Notes:

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PE3W01807

Typical Performance Data

How to Order

Part Number Configuration: **PE3W01807** **- xx** **uu**

Unit of Measure:
cm = Centimeters
<blank> = Inches

Length

Base Number

Example: PE3W01807-12 = 12 inches long cable
PE3W01807-100cm = 100 cm long cable

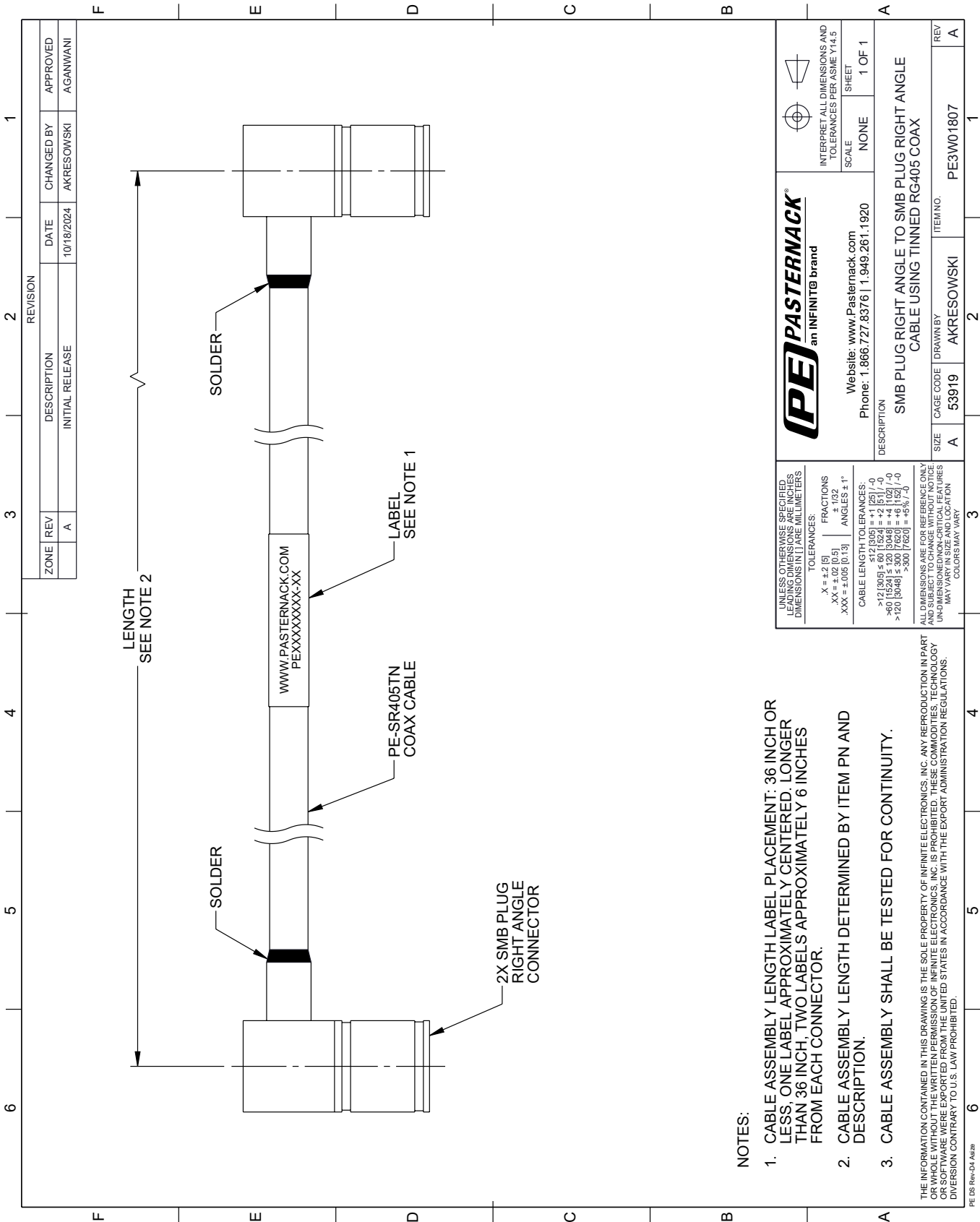
SMB Plug Right Angle to SMB Plug Right Angle Cable Using Tinned RG405 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMB Plug Right Angle to SMB Plug Right Angle Cable Using Tinned RG405 Coax PE3W01807](#)

URL: <https://www.pasternack.com/smb-plug-smb-plug-tinned-rg405-cable-assembly-pe3w01807-p.aspx>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE3W01807 CAD Drawing
SMB Plug Right Angle to SMB Plug Right Angle Cable Using Tinned RG405 Coax



- 1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT: 36 INCH OR LESS, ONE LABEL APPROXIMATELY CENTERED, LONGER THAN 36 INCH, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
- 2. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.
- 3. CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. DIMENSIONS IN [] ARE MILLIMETERS.		PE PASTERNAK an INFINITE® brand		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
TOLERANCES:		Website: www.Pasternack.com		SCALE	
X = ±.2 [5]		Phone: 1.866.727.8376 1.949.261.1920		NONE	
.XX = ±.02 [0.5]				SHEET	
.XXX = ±.005 [0.13]				1 OF 1	
FRACTIONS					
± 1/32					
ANGLES ± 1°					
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] = ±5% / -0					
ALL DIMENSIONS ARE FOR REFERENCE ONLY. DIMENSIONS SHALL BE DETERMINED BY ITEM PN AND DESCRIPTION. UNDIMENSIONED NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.					
		DESCRIPTION			
		SMB PLUG RIGHT ANGLE TO SMB PLUG RIGHT ANGLE CABLE USING TINNED RG405 COAX			
		ITEM NO.			
		PE3W01807			
		DRAWN BY			
		AKRESOWSKI			
		CAGE CODE			
		53919			
		SIZE			
		A			
		REV			
		A			