



## SMA Male Right Angle to SMA Male Right Angle Semi-Flexible Precision Cable Using PE-SR405FLJ Coax, RoHS

### TECHNICAL DATA SHEET

PE39430

#### Hand Formable SMA Male Right Angle to SMA Male Right Angle Semi-Flexible Precision Cable Using PE-SR405FLJ Coax, RoHS

Pasternack's formable cable assemblies are hand formable semi-rigid replacements that are an alternative to costly preformed assemblies. The formable semi-rigid cable alternatives are dimensionally and electrically similar to their semi-rigid counterpart and have a tinned-copper-braid outer shield that provides excellent RF shielding. The hand formable cable assemblies from Pasternack do not require special tooling to shape or reshape the assemblies and can replace standard semi-rigid versions. The assemblies are available with or without a PVC jacket and are RoHS compliant,

- Dimensionally and electrically the same as standard, solid outer conductor semi-rigid coax
- Cable may be formed by hand and does not require special tools to bend
- May be formed more than once without damaging the outer conductor
- High RF Shielding >100 dB
- 100% Hi-pot and continuity tested
- 100% VSWR tested to max frequency of assembly
- Standard and custom lengths ship the same day

#### Configuration

Connector 1  
 Connector 2  
 Cable Type

SMA Male Right Angle  
 SMA Male Right Angle  
 PE-SR405FLJ

#### Electrical Specifications

Frequency Range, GHz  
 Impedance, Ohms  
 Maximum VSWR  
 Velocity of Propagation, %  
 RF Shielding, dB  
 Maximum Operating Voltage, Vrms

DC to 10  
 50  
 1.35:1  
 69  
 100  
 335

#### Typical Performance by Frequency

##### Frequency 1

Frequency, MHz  
 Insertion Loss

1000  
 0.225 dB/ft [ 0.74 dB/m ]

##### Frequency 2

Frequency, GHz  
 Insertion Loss

5  
 0.549 dB/ft [ 1.8 dB/m ]

##### Frequency 3

Frequency, GHz  
 Insertion Loss

10  
 0.812 dB/ft [ 2.66 dB/m ]

#### Mechanical Specifications

##### Cable Assembly

Cable Type

PE-SR405FLJ

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Right Angle to SMA Male Right Angle Semi-Flexible Precision Cable Using PE-SR405FLJ Coax, RoHS PE39430](#)

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.



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#### Temperature

Temperature Operating Range, deg C	-55 to +125
Diameter, in [mm]	0.098 [2.49]
Cable Color	Black
One Time Minimum Bend Radius, in [mm]	0.37 [9.4]
Repeated Minimum Bend Radius, in [mm]	0.787 [19.99]

#### Cable

Center Conductor Type	Solid
Cable Inner Conductor	Copper Clad Steel, Silver
No of Shields	1
Dielectric Type	PTFE
Jacket Material	FEP
Jacket Diameter, in [mm]	0.098 [2.49]

#### Connector 1

Type	SMA Male Right Angle
Configuration	Right Angle

#### Connector 2

Type	SMA Male Right Angle
Configuration	Right Angle

#### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
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#### Plotted and Other Data

Notes:	Values at 25 °C, sea level
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SMA Male Right Angle to SMA Male Right Angle Semi-Flexible Precision Cable Using PE-SR405FLJ Coax, RoHS from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

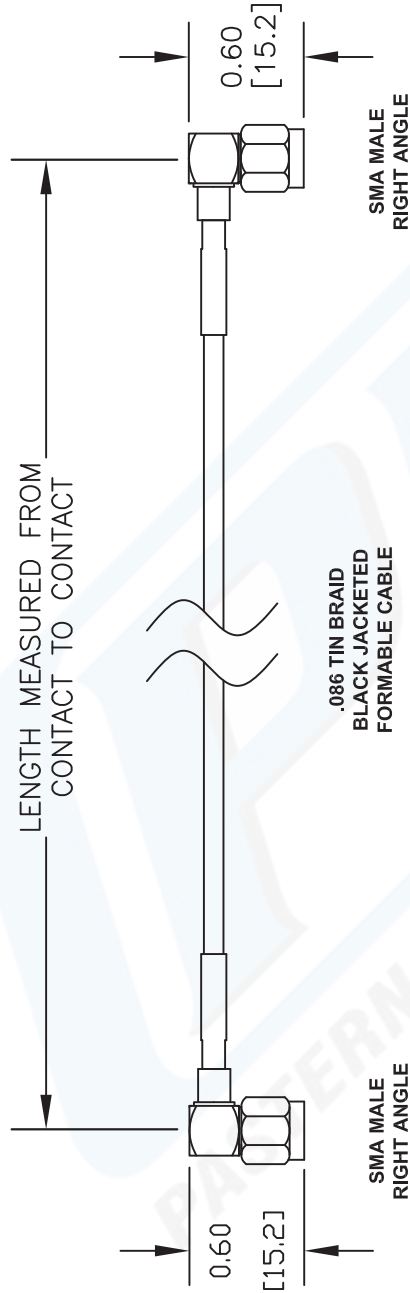
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# PE39430 CAD Drawing

SMA Male Right Angle to SMA Male Right Angle Semi-Flexible  
Precision Cable Using PE-SR405FLJ Coax, RoHS



Note: This part is lead free.

How To Order							
Part Number Configuration			Examples  PE3000LF-100 PE3000-100 PE3000LF-100CM PE3000-100CM	Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
PE3 <input type="text" value="zzz"/> <input type="text" value="yy"/> - <input type="text" value="xx"/> <input type="text" value="uu"/>							
00 - 99999							
LF = Lead Free							
< Blank > = Standard							
CM = Centimeters < Blank > = Inches							
Note: LF applies only to RF cables			Length				
			-xx	Custom Length	-xxCM	Custom Length	



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 E-MAIL ADDRESS: [sales@pasternack.com](mailto:sales@pasternack.com)  
**COAXIAL & FIBER OPTICS**

DWG TITLE  
**PE39430**

NOTES:  
 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
 3. DIMENSIONS ARE IN INCHES [mm].  
 4. LENGTH TOLERANCE IS  $\pm 1.5\%$  OR  $3/8"$ , WHICHEVER IS GREATER.

REV. -

FSCM NO. 53919

CAD FILE 041912

SCALE N/A

SIZE A

2231