



SMA Male Right Angle to SMA Male Right Angle Semi-Flexible Precision Cable Using PE-SR402FL Coax, RoHS

TECHNICAL DATA SHEET

PE39424

Hand Formable SMA Male Right Angle to SMA Male Right Angle Semi-Flexible Precision Cable Using PE-SR402FL 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-SR402FL

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 Electrical Specifications

Frequency 1

Frequency, MHz
Insertion Loss

1000
0.119 dB/ft [0.39 dB/m]

Frequency 2

Frequency, GHz
Insertion Loss

5
0.28 dB/ft [0.92 dB/m]

Frequency 3

Frequency, GHz
Insertion Loss

10
0.421 dB/ft [1.38 dB/m]

Electrical Specification Notes:

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-SR402FL Coax, RoHS PE39424](#)

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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Mechanical Specifications

Cable Assembly

Cable Type PE-SR402FL

Temperature

Temperature Operating Range, deg C -55 to +125

Diameter, in [mm] 0.139 [3.53]

Weight, lbs [g] 0.027 [12.25]

One Time Minimum Bend Radius, in [mm] 0.75 [19.05]

Repeated Minimum Bend Radius, in [mm] 1.57 [39.88]

Cable

Center Conductor Type Solid

Cable Inner Conductor Copper, Silver

No of Shields 1

Dielectric Type PTFE

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 for current document)

RoHS Compliant Yes

Plotted and Other Data

Notes: Values at 25 °C, sea level

SMA Male Right Angle to SMA Male Right Angle Semi-Flexible Precision Cable Using PE-SR402FL 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.

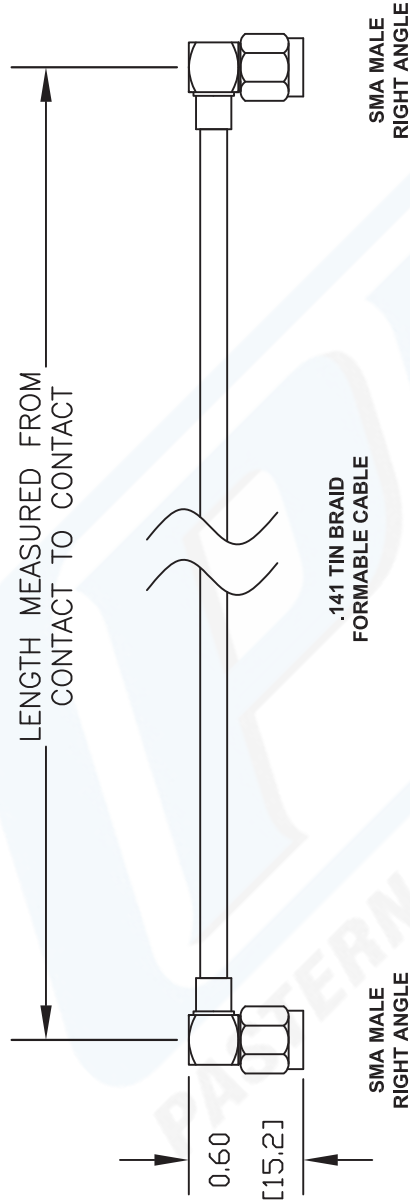
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PE39424 CAD Drawing

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Note: This part is lead free.

How To Order					
<div>Part Number Configuration</div> <div>PE3 <input type="text" value="zzz"/> <input type="text" value="yy"/> - <input type="text" value="xx"/> <input type="text" value="uu"/></div> <div>00 - 99999</div> <div>LF = Lead Free</div> <div>< Blank > = Standard</div> <div>Note: LF applies only to RF cables</div>		<div>Examples</div> <div>PE3000LF-100</div> <div>PE3000-100</div> <div>PE3000LF-100CM</div> <div>PE3000-100CM</div>			
		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
		-12	12"	-25CM	25Cm
		-24	24"	-50CM	50Cm
		-36	36"	-75CM	75Cm
		-48	48"	-100CM	100Cm
-60	60"	-125CM	125Cm		
		-xx	Custom Length	-xxCM	Custom Length

- 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.

DWG TITLE
PE39424

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COAXIAL & FIBER OPTICS



2231

SIZE A

SCALE N/A

CAD FILE 041912

FSCM NO. 53919

REV. -