



## SMA Male to MMCX Plug Right Angle Semi-Flexible Cable 9 Inch Length Using PE-SR405FLJ Coax

### TECHNICAL DATA SHEET

PE39564-9

#### Hand Formable SMA Male to MMCX Plug Right Angle Semi-Flexible Cable 9 Inch Length Using PE-SR405FL Coax

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  
MMCX Plug 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 6  
50  
1.35:1  
69  
100  
170

#### 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 ]

#### 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 to MMCX Plug Right Angle Semi-Flexible Cable 9 Inch Length Using PE-SR405FLJ Coax PE39564-9](#)

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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#### Size

Length, in [mm]	9 [228.6]
Diameter, in [mm]	0.315 [8]
Weight, lbs [g]	0.013 [5.9]

#### Cable

Center Conductor Type	Solid
Cable Inner Conductor	Copper Clad Steel, Silver
No of Shields	1
Dielectric Type	PTFE

#### Connector 1

Type	SMA Male
Configuration	Straight
Inner Conductor Material and Plating	Brass, Gold
Coupling Nut Material and Plating	Passivated Stainless Steel
Hex Size, in.	5/16
Torque, in-lbs [Nm]	8 [0.9]
Body Material and Plating	Brass, Gold
Dielectric Type	PTFE

#### Connector 2

Type	MMCX Plug Right Angle
Configuration	Right Angle
Inner Conductor Material and Plating	Phosphor Bronze, Gold
Body Material and Plating	Brass, Gold
Dielectric Type	PTFE

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

#### Plotted and Other Data

Notes: Values at 25 °C, sea level

SMA Male to MMCX Plug Right Angle Semi-Flexible Cable 9 Inch Length Using PE-SR405FLJ Coax 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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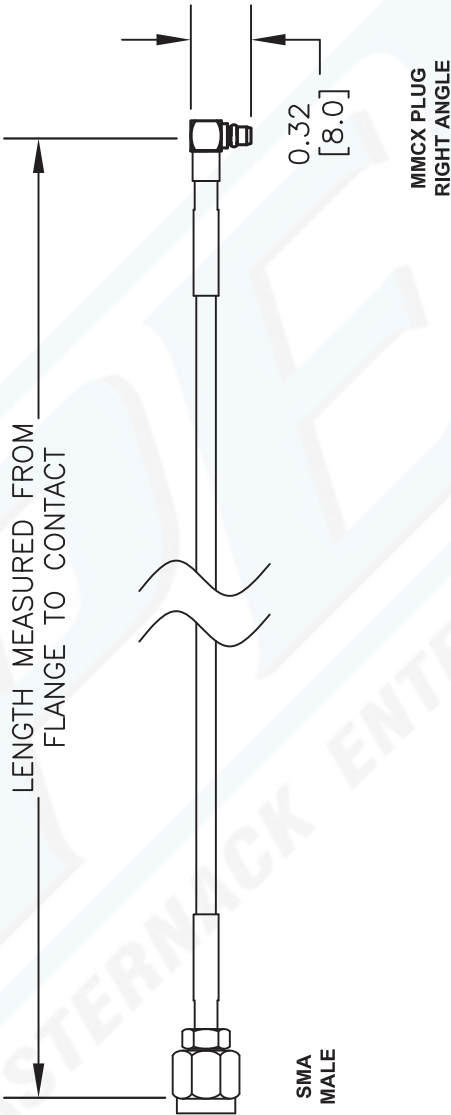
URL: <http://www.pasternack.com/sma-male-mmcx-plug-pe-sr405flj-cable-assembly-pe39564-9-p.aspx>

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# PE39564-9 CAD Drawing

SMA Male to MMCX Plug Right Angle Semi-Flexible Cable  
9 Inch Length Using PE-SR405FLJ Coax

Standard Lengths	
-6	6"
-9	9"
-12	12"
-18	18"
-24	24"
-XXX	Custom Length in Inches



DWG TITLE

PE39564-XX

- 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.

**PASTERNAK®**  
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CAD FILE 052511

SCALE N/A

SIZE A

2231