



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

TECHNICAL DATA SHEET

PE39564

Hand Formable SMA Male to MMCX Plug Right Angle Cable 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	DC to 6
Impedance, Ohms	50
Maximum VSWR	1.35:1
Velocity of Propagation, %	69
RF Shielding, dB	100
Maximum Operating Voltage, Vrms	170

Typical Performance by Frequency

Frequency 1

Frequency, MHz	1000
Insertion Loss	0.225 dB/ft [0.74 dB/m]

Frequency 2

Frequency, GHz	5
Insertion Loss	0.549 dB/ft [1.8 dB/m]

Mechanical Specifications

Cable Assembly

Cable Type	PE-SR405FLJ
Diameter, in [mm]	0.315 [8]
Weight, lbs [g]	0.013 [5.9]

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 Using PE-SR405FLJ Coax PE39564](#)

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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Cable

Center Conductor Type
 Cable Inner Conductor
 No of Shields
 Dielectric Type

Solid
 Copper Clad Steel, Silver
 1
 PTFE

Connector 1

Type
 Configuration
 Inner Conductor Material and Plating
 Coupling Nut Material and Plating
 Hex Size, in.
 Torque, in-lbs [Nm]
 Body Material and Plating
 Dielectric Type

SMA Male
 Straight
 Brass, Gold
 Passivated Stainless Steel
 5/16
 8 [0.9]
 Brass, Gold
 PTFE

Connector 2

Type
 Configuration
 Inner Conductor Material and Plating
 Body Material and Plating
 Dielectric Type

MMCX Plug Right Angle
 Right Angle
 Phosphor Bronze, Gold
 Brass, Gold
 PTFE

Compliance Certifications (visit 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 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.

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 Using PE-SR405FLJ Coax PE39564](http://www.pasternack.com/sma-male-mmcx-plug-right-angle-semi-flexible-cable-using-pe-sr405flj-coax-pe39564)

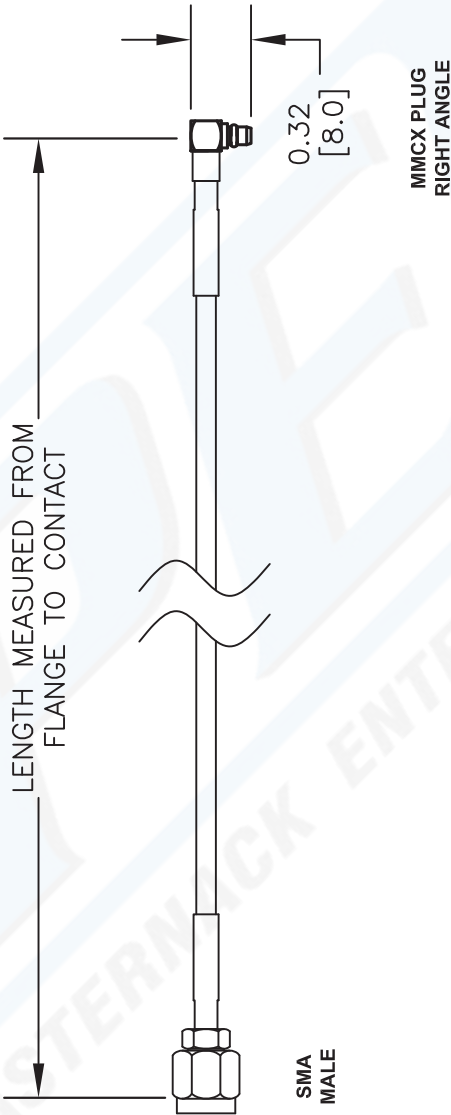
URL: <http://www.pasternack.com/sma-male-mmcx-plug-right-angle-semi-flexible-cable-using-pe-sr405flj-coax-pe39564-p.aspx>

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PE39564 CAD Drawing

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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.

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REV. -

FSCM NO. 53919

CAD FILE 052511

SCALE N/A

SIZE A

2231