

# N Female Bulkhead to MCX Plug Right Angle Semi-Flexible Precision Cable 9 Inch Length Using PE-SR405FLJ Coax, RoHS

## TECHNICAL DATA SHEET

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 FEP jacket and are RoHS compliant,

#### **Features**

 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
- Configuration

Connector 1 Connector 2 Cable Type

#### **Electrical Specifications**

Frequency Range Impedance Velocity of Propagation Group Delay **RF** Shielding

#### **Performance by Frequency**

Frequency 1 Frequency Insertion Loss	250 MHz 0.251 dB
Frequency 2	
Frequency	500 MHz
Insertion Loss	0.303 dB
_	
Frequency 3	
Frequency	1000 MHz
Insertion Loss	0.346 dB
Frequency 4	
Frequency 4	
Frequency	2.5 GHz
Insertion Loss	0.421 dB
Frequency 5	
Frequency	6 GHz
1 2	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Female Bulkhead to MCX Plug Right Angle Semi-Flexible Precision Cable 9 Inch Length Using PE-SR405FLJ Coax, RoHS PE39463-9

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 Phone: (866) 727-8376 or (949) 261-1920 • Fax: (949) 261-7451

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## PE39463-9

N Female Bulkhead MCX Plug Right Angle PE-SR405FLJ

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

DC to 6 GHz 50 Ohms 69.5 % 1.43 ns/ft [4.69 ns/m] 100 dB



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Insertion Loss

### **Mechanical Specifications**

## Size

Length Cable Color One Time Minimum Bend Radius **Repeated Minimum Bend Radius** 

### Cable

Cable Type Inner Conductor Type Cable Inner Conductor No of Shields **Dielectric Type Jacket Material** Jacket Diameter

### **Connector 1**

Type Configuration Mount Method Inner Conductor Material and Plating Body Material and Plating **Dielectric Type** 

### **Connector 2**

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

Compliance Certifications (visit www.Pasternack.com for current document) RoHS Compliant Yes

**REACH Compliant** 

### **Plotted and Other Data**

- Notes:
- Values at +25 °C, sea level

0.578 dB

9 in [228.6 mm] Black 0.236 in [5.99 mm] 0.787 in [19.99 mm]

PE-SR405FLJ Solid Copper Clad Steel, Silver PTFE FEP 0.098 in [2.49 mm]

N Female Bulkhead Straight Bulkhead Phosphor Bronze, Gold Brass, Nickel PTFE

MCX Plug Right Angle **Right Angle** Brass, Gold Brass, Gold PTFE

06/18/2012

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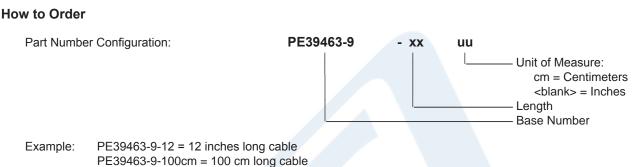


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# **TECHNICAL DATA SHEET**



PE39403-9-100CIII = 100 CII 101g Cable

N Female Bulkhead to MCX Plug Right Angle Semi-Flexible Precision Cable 9 Inch Length Using PE-SR405FLJ Coax, RoHS from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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URL: http://www.pasternack.com/n-female-mcx-plug-pe-sr405flj-cable-assembly-pe39463-9-p.aspx

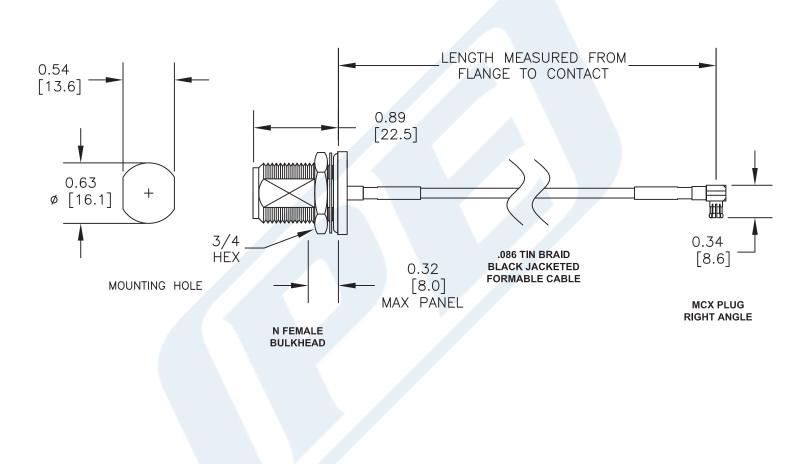
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### PE39463-9 CAD Drawing N Female Bulkhead to MCX Plug Right Angle Semi-Flexible Precision Cable 9 Inch Length Using PE-SR405FLJ Coax, RoHS



Note: This part is lead free.

