PASTERNACK®
THE ENGINEER'S RF SOURCE

N Female Bulkhead to MMCX Plug Right Angle Semi-Flexible Precision Cable 18 Inch Length Using PE-SR405FLJ Coax, RoHS

TECHNICAL DATA SHEET PE39464-18

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
- 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	N Female Bulkhead
Connector 2	MMCX Plug Right Angle
Cable Type	PE-SR405FLJ

Electrical Specifications

Frequency Range	DC to 6 GHz
Impedance	50 Ohms
Velocity of Propagation	69.5 %
Group Delay	1.43 ns/ft [4.69 ns/m]
RF Shielding	100 dB

Performance by Frequency

Frequency 1

Frequency	250 MHz
Insertion Loss	0.303 dB

Frequency 2

Frequency	500 MHz
Insertion Loss	0.406 dB

Frequency 3

Frequency	1000 MHz
Insertion Loss	0.493 dB

Frequency 4

Frequency	2.5 GHz
Insertion Loss	0.642 dB

Frequency 5

Frequency	6 GHz

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 MMCX Plug Right Angle Semi-Flexible Precision Cable 18 Inch Length Using PE-SR405FLJ Coax, RoHS PE39464-18

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

ISO 9001 : 2008 Registered

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Insertion Loss	0.955 dB

Mechanical Specifications

Size

Length	18 in [457.2 mm]
Diameter	0.866 in [22 mm]
Cable Color	Black
One Time Minimum Bend Radius	0.236 in [5.99 mm]
Repeated Minimum Bend Radius	0.787 in [19.99 mm]

Cable

Cable Type	PE-SR405FLJ
Inner Conductor Type	Solid
Cable Inner Conductor	Copper Clad Steel, Silver
No of Shields	1
Dielectric Type	PTFE
Jacket Material	FEP
Jacket Diameter	0.098 in [2.49 mm]

Connector 1

Type	N Female Bulkhead
Configuration	Straight
Mount Method	Bulkhead
Inner Conductor Material and Plating	Phosphor Bronze, Gold
Body Material and Plating	Brass, Nickel
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 for current document)

RoHS Compliant	Yes
REACH Compliant	06/18/2012

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

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How to Order

Part Number Configuration: **PE39464-18 - xx uu**

- uu — Unit of Measure: cm = Centimeters, <blank> = Inches
- xx — Length
- PE39464-18 — Base Number

Example: PE39464-18-12 = 12 inches long cable
PE39464-18-100cm = 100 cm long cable

N Female Bulkhead to MMCX Plug Right Angle Semi-Flexible Precision Cable 18 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-mmcx-plug-pe-sr405flj-cable-assembly-pe39464-18-p.aspx

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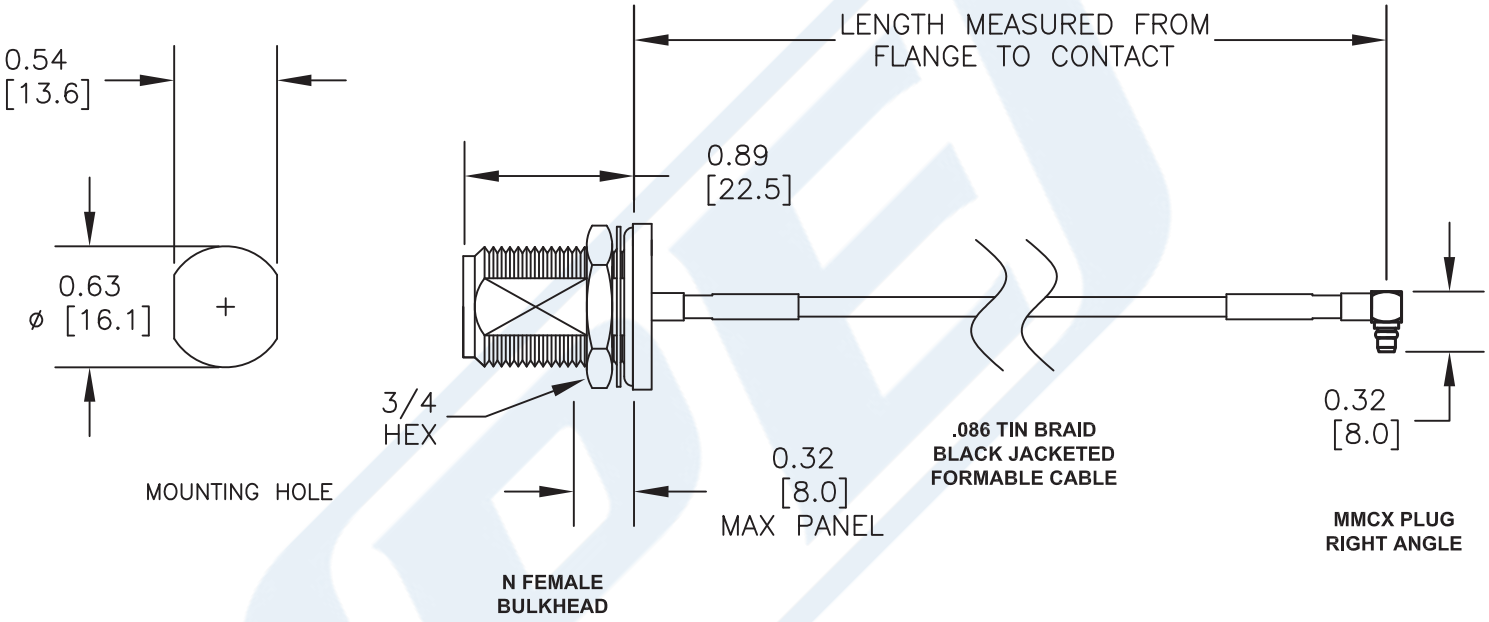
PE39464-18 CAD Drawing

N Female Bulkhead to MMCX Plug Right Angle Semi-Flexible Precision Cable 18 Inch Length Using PE-SR405FLJ Coax, RoHS



Note: This part is lead free.

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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 ± 1.5% OR 3/8", WHICHEVER IS GREATER.

DWG TITLE	FSCM NO. 53919			
PE39464				
CAD FILE 012215	SCALE N/A	SIZE A	2233	