



N Male to N Male Semi-Flexible Precision Cable
6 Inch Length Using PE-SR402FLJ Coax, RoHS

TECHNICAL DATA SHEET

PE39465-6

Hand Formable N Male to N Male Semi-Flexible Precision Cable 6 Inch Length Using PE-SR402FLJ 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	N Male
Connector 2	N Male
Cable Type	PE-SR402FLJ

Electrical Specifications

Frequency Range, GHz	DC to 11
Impedance, Ohms	50
Maximum VSWR	1.35:1
Velocity of Propagation, %	69
RF Shielding, dB	100
Maximum Operating Voltage, Vrms	350

Typical Electrical Specifications

Frequency 1

Frequency, MHz	1000
Insertion Loss	0.119 dB/ft [0.39 dB/m]

Frequency 2

Frequency, GHz	5
Insertion Loss	0.28 dB/ft [0.92 dB/m]

Frequency 3

Frequency, GHz	10
Insertion Loss	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: [N Male to N Male Semi-Flexible Precision Cable 6 Inch Length Using PE-SR402FLJ Coax, RoHS PE39465-6](#)

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-SR402FLJ

Temperature

Temperature Operating Range, deg C -55 to +125

Size

Length, in [mm] 6 [152.4]

Diameter, in [mm] 0.161 [4.09]

Cable Color Black

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

Repeated Minimum Bend Radius, in [mm] 1.575 [40.01]

Cable

Center Conductor Type Solid

Cable Inner Conductor Copper, Silver

No of Shields 1

Dielectric Type PTFE

Jacket Material FEP

Jacket Diameter, in [mm] 0.161 [4.09]

Connector 1

Type N Male

Configuration Straight

Connector 2

Type N Male

Configuration Straight

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

RoHS Compliant Yes

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Plotted and Other Data

Notes:

Values at 25 °C, sea level

N Male to N Male Semi-Flexible Precision Cable 6 Inch Length Using PE-SR402FLJ 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.

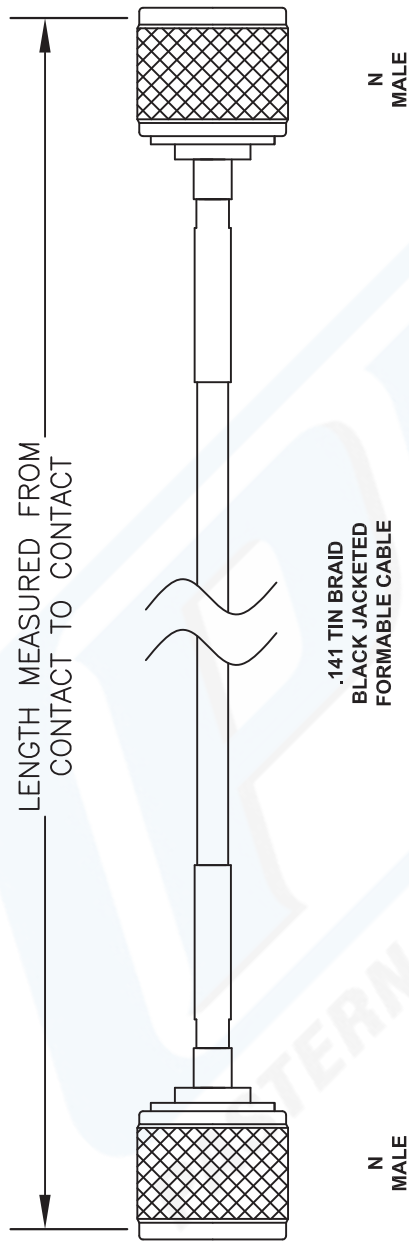
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PE39465-6 CAD Drawing

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Note: This part is lead free.

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



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PASTERNAK ENTERPRISES, INC.
 P.O. BOX 16759, IRVINE, CA 92623
 PHONE (949) 261-1920 FAX (949) 261-7451
 WEB ADDRESS: www.pasternack.com
 E-MAIL ADDRESS: sales@pasternack.com
 COAXIAL & FIBER OPTICS

DWG TITLE
PE39465

REV. - FSCM NO. 53919

CAD FILE 041912 SCALE N/A SIZE A 2231