



TNC Male to TNC Female Semi-Flexible Precision Cable 12 Inch Length Using PE-SR402FLJ Coax, RoHS

TECHNICAL DATA SHEET

PE39496-12

Hand Formable TNC Male to TNC Female Semi-Flexible Precision Cable 12 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
Connector 2
Cable Type

TNC Male
TNC Female
PE-SR402FLJ

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
500

Typical Electrical Specifications

Frequency 1

Frequency, MHz
Insertion Loss

1000
0.119 dB/ft [0.39 dB/m]

Frequency 2

Frequency, GHz
Insertion Loss

5
0.28 dB/ft [0.92 dB/m]

Electrical Specification Notes:

Mechanical Specifications

Cable Assembly

Cable Type

PE-SR402FLJ

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Male to TNC Female Semi-Flexible Precision Cable 12 Inch Length Using PE-SR402FLJ Coax, RoHS PE39496-12](#)

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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Temperature

Temperature Operating Range, deg C -55 to +125

Size

Length, in [mm] 12 [304.8]
 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 TNC Male
 Configuration Straight

Connector 2

Type TNC Female
 Configuration Straight

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

RoHS Compliant Yes

Plotted and Other Data

Notes: Values at 25 °C, sea level

TNC Male to TNC Female Semi-Flexible Precision Cable 12 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.

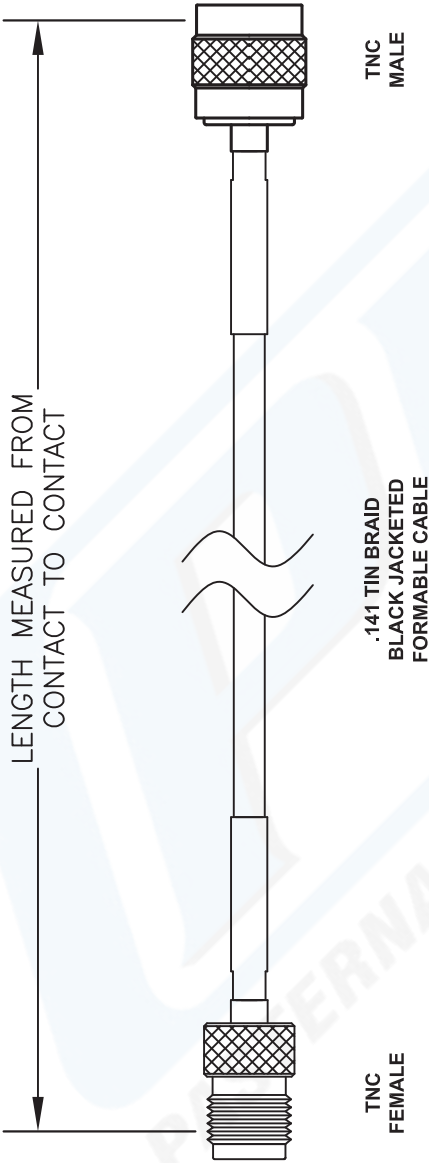
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PE39496-12 CAD Drawing

TNC Male to TNC Female Semi-Flexible Precision Cable
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Note: This part is lead free.

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

DWG TITLE
PE39496

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COAXIAL & FIBER OPTICS



REV. -

FSCM NO. 53919

CAD FILE 041912

SCALE N/A

SIZE A

2231