



TNC Male to TNC Male Right Angle Semi-Flexible
Precision Cable Using PE-SR405FL Coax, RoHS

TECHNICAL DATA SHEET

PE39473

Hand Formable TNC Male to TNC Male Right Angle Semi-Flexible Precision Cable Using PE-SR405FL 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 Male Right Angle
PE-SR405FL

Electrical Specifications

Frequency Range, GHz
Impedance, Ohms
Maximum VSWR
Velocity of Propagation, %
RF Shielding, dB
Maximum Operating Voltage, Vrms

DC to 6
50
1.5:1
69
100
500

Typical Performance by Frequency

Frequency 1

Frequency, MHz
Insertion Loss

1000
0.225 dB/ft [0.74 dB/m]

Frequency 2

Frequency, GHz
Insertion Loss

5
0.549 dB/ft [1.8 dB/m]

Mechanical Specifications

Cable Assembly

Cable Type
Diameter, in [mm]
Weight, lbs [g]
One Time Minimum Bend Radius, in [mm]

PE-SR405FL
0.086 [2.18]
0.013 [5.9]
0.37 [9.4]

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 Male Right Angle Semi-Flexible Precision Cable Using PE-SR405FL Coax, RoHS PE39473](#)

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

TNC Male
Straight

Connector 2

Type
Configuration

TNC Male Right Angle
Right Angle

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 Male Right Angle Semi-Flexible Precision Cable Using PE-SR405FL 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.

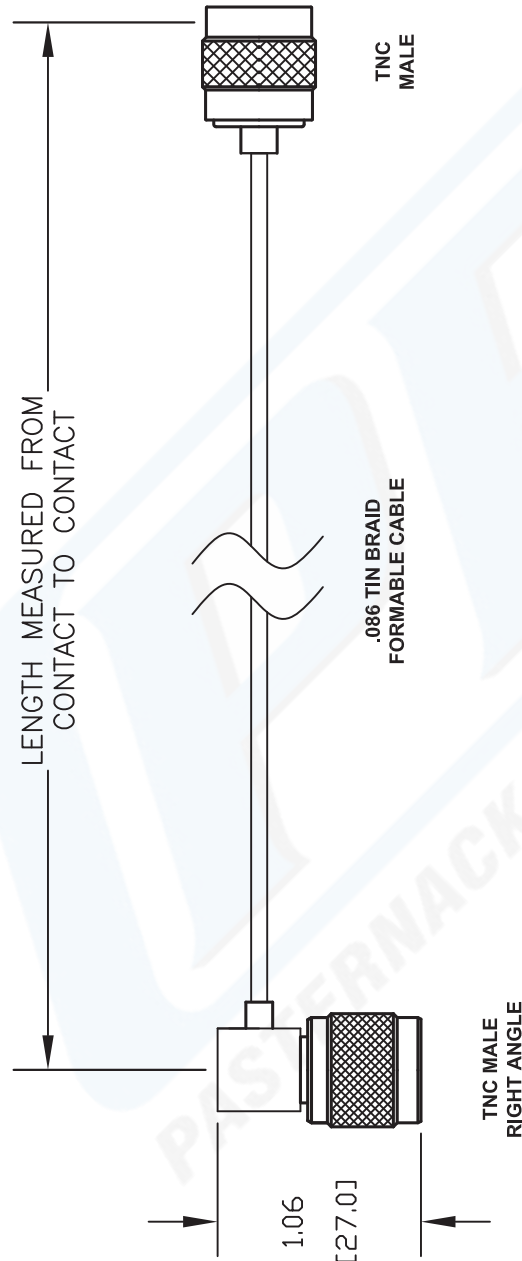
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Male to TNC Male Right Angle Semi-Flexible Precision Cable Using PE-SR405FL Coax, RoHS PE39473](http://www.pasternack.com/tnc-male-tnc-male-pe-sr405fl-cable-assembly-pe39473-p.aspx)

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PE39473 CAD Drawing

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Note: This part is lead free.

How To Order					
Part Number Configuration PE3 - 00 - 99999 LF = Lead Free < Blank > = Standard Note: LF applies only to RF cables		Examples			
		PE3000LF-100			
		PE3000-100			
		PE3000LF-100CM			
		PE3000-100CM			
		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



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COAXIAL & FIBER OPTICS

DWG TITLE
PE39473

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.

REV. -

FSCM NO. 53919

CAD FILE 041912

SCALE N/A

SIZE A

2231