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

TECHNICAL DATA SHEET   PE39471

Hand Formable TNC Male to TNC Male 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	TNC Male
Connector 2	TNC Male
Cable Type	PE-SR405FL

Electrical Specifications

Frequency Range, GHz	DC to 6
Impedance, Ohms	50
Maximum VSWR	1.35:1
Velocity of Propagation, %	69
RF Shielding, dB	100
Maximum Operating Voltage, Vrms	500

Typical Performance by Frequency

Frequency 1

Frequency, MHz	1000
Insertion Loss	0.225 dB/ft [0.74 dB/m]

Frequency 2

Frequency, GHz	5
Insertion Loss	0.549 dB/ft [1.8 dB/m]

Mechanical Specifications
Cable Assembly

Cable Type	PE-SR405FL
Diameter, in [mm]	0.086 [2.18]
Weight, lbs [g]	0.013 [5.9]
One Time Minimum Bend Radius, in [mm]	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 Semi-Flexible Precision Cable Using PE-SR405FL Coax, RoHS PE39471

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.

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Cable

Center Conductor Type	Solid
Cable Inner Conductor	Copper Clad Steel, Silver
No of Shields	1
Dielectric Type	PTFE

Connector 1

Type	TNC Male
Configuration	Straight

Connector 2

Type	TNC Male
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 Male 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.
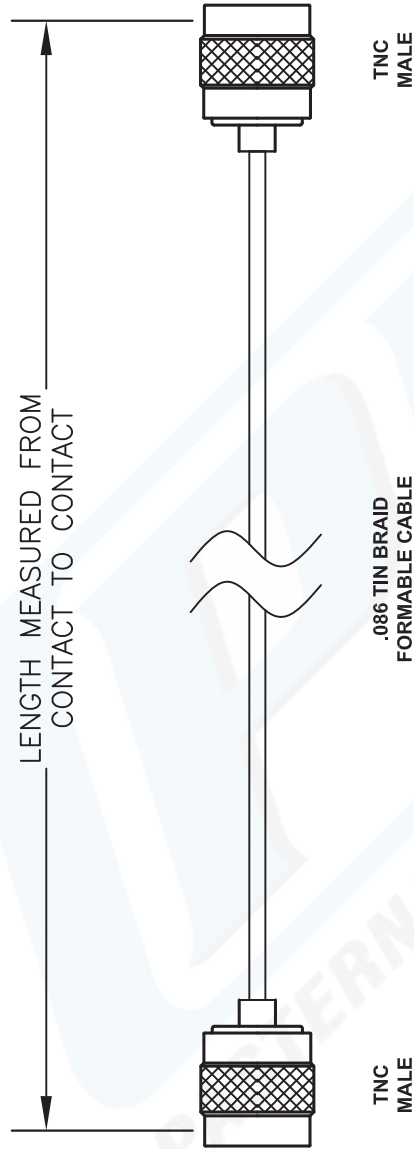
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URL: http://www.pasternack.com/tnc-male-tnc-male-pe-sr405fl-cable-assembly-pe39471-p.aspx

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LENGTH MEASURED FROM CONTACT TO CONTACT

TNC MALE

.086 TIN BRAID FORMABLE CABLE

TNC MALE

Note: This part is lead free.

How To Order

Part Number Configuration

PE3 [zzz] [yy] - [xx] [uu]

PE3 — 00 - 99999
LF = Lead Free
< Blank > = Standard

yy — CM = Centimeters
< Blank > = = Inches

Length

Note: LF applies only to RF cables

Examples	Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
PE3000LF-100	-12	12"	-25CM	25Cm
PE3000-100	-24	24"	-50CM	50Cm
PE3000LF-100CM	-36	36"	-75CM	75Cm
PE3000-100CM	-48	48"	-100CM	100Cm
	-60	60"	-125CM	125Cm
	-xx	Custom Length	-xxCM	Custom Length

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COAXIAL & FIBER OPTICS

PASTERNACK ENTERPRISES®
ESTABLISHED 1972

DWG TITLE
PE39471

REV. -

FSCM NO. 53919

CAD FILE 041912

SCALE N/A

SIZE A

2231

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.

PE39471 REV