

SMA Male to TNC Female Bulkhead Semi-Flexible Precision Cable Using PE-SR402FLJ Coax, RoHS



TECHNICAL DATA SHEET

PE39497

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 SMA Male

Connector 2 TNC Female Bulkhead

Cable Type PE-SR402FLJ

Electrical Specifications

Frequency Range DC to 6 GHz Impedance 50 Ohms Velocity of Propagation 70 %

Group Delay 1.43 ns/ft [4.69 ns/m]

RF Shielding 100 dB

Performance by Frequency

Frequency 1

Frequency 250 MHz

Insertion Loss 0.24 dB/ft [0.79 dB/m]

Frequency 2

Frequency 500 MHz

Insertion Loss 0.279 dB/ft [0.92 dB/m]

Frequency 3

Frequency 1000 MHz

Insertion Loss 0.319 dB/ft [1.05 dB/m]

Frequency 4

Frequency 2.5 GHz

Insertion Loss 0.379 dB/ft [1.24 dB/m]

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: SMA Male to TNC Female Bulkhead Semi-Flexible Precision Cable Using PE-SR402FLJ Coax, RoHS PE39497

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 0.508 dB/ft [1.67 dB/m]

Mechanical Specifications

Size

Diameter 0.69 in [17.53 mm]

Cable Color Black

One Time Minimum Bend Radius 0.315 in [8 mm] Repeated Minimum Bend Radius 1.575 in [40.01 mm]

Cable

PE-SR402FLJ Cable Type

Inner Conductor Type Solid

Cable Inner Conductor Copper Clad Steel, Silver

No of Shields Dielectric Type **PTFE FEP Jacket Material**

Jacket Diameter 0.161 in [4.09 mm]

Connector 1

SMA Male Type Configuration Straight

Coupling Nut Material and Plating Passivated Stainless Steel

Hex Size 5/16 in. Torque 8 in-lbs [0.9 Nm] Brass, Gold

Body Material and Plating

Connector 2

Type TNC Female Bulkhead

Configuration Straight Mount Method Bulkhead

Inner Conductor Material and Plating Beryllium Copper, Gold

Body Material and Plating Brass, Nickel Dielectric Type **PTFE**

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

RoHS Compliant REACH Compliant 12/15/2010

Plotted and Other Data

Notes:

• Values at +25 °C, sea level

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How to Order



Example: PE39497-12 = 12 inches long cable

PE39497-100cm = 100 cm long cable

SMA Male to TNC Female Bulkhead Semi-Flexible Precision Cable Using PE-SR402FLJ 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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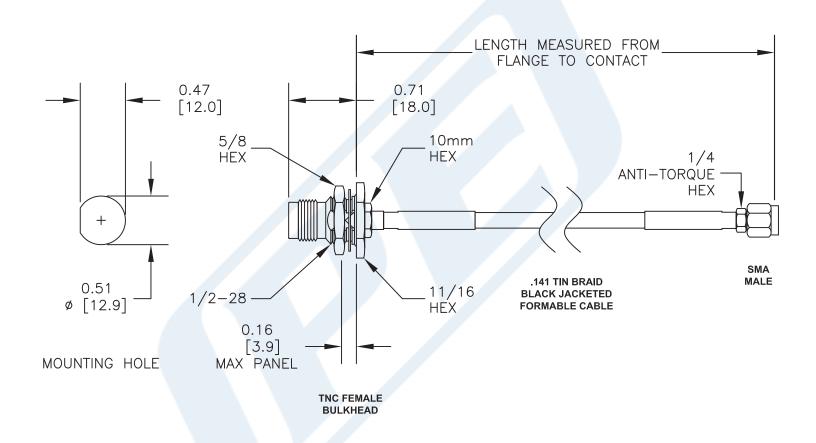
URL: http://www.pasternack.com/sma-male-tnc-female-pe-sr402flj-cable-assembly-pe39497-p.aspx

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 does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.



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PE39497 CAD DrawingSMA Male to TNC Female Bulkhead Semi-Flexible Precision Cable Using PE-SR402FLJ Coax, RoHS



Note: This part is lead free.

