

SMA Male Right Angle to SMA Female Bulkhead Semi-Flexible Precision Cable 6 Inch Length Using PE-SR402FLJ Coax, RoHS

TECHNICAL DATA SHEET

PE39442-6

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 Connector 2 Cable Type

SMA Male Right Angle SMA Female Bulkhead PE-SR402FLJ

Electrical Specifications

Frequency Range Impedance Velocity of Propagation Group Delay

RF Shielding

DC to 10 GHz 50 Ohms 70 %

1.43 ns/ft [4.69 ns/m] 100 dB

Performance by Frequency

Frequency 1

Frequency 500 MHz Insertion Loss 0.24 dB

Frequency 2

Frequency 1000 MHz Insertion Loss 0.259 dB

Frequency 3

2.5 GHz Frequency Insertion Loss 0.29 dB

Frequency 4

5 GHz Frequency 0.34 dB Insertion Loss

Frequency 5

Frequency 10 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 Right Angle to SMA Female Bulkhead Semi-Flexible Precision Cable 6 Inch Length Using PE-SR402FLJ Coax, RoHS PE39442-6

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TENACK

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Insertion Loss 0.411 dB

Mechanical Specifications

Size

Length 6 in [152.4 mm]
Diameter 0.433 in [11 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

Cable Type PE-SR402FLJ

Inner Conductor Type Solid

Cable Inner Conductor Copper Clad Steel, Silver

No of Shields 1
Dielectric Type PTFE
Jacket Material FEP

Jacket Diameter 0.161 in [4.09 mm]

Connector 1

Type SMA Male Right Angle Configuration Right Angle

Inner Conductor Material and Plating Brass, Gold

Coupling Nut Material and Plating Passivated Stainless Steel

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

Dielectric Type PTFE

Connector 2

Type SMA Female Bulkhead

Configuration Straight
Mount Method Bulkhead

Inner Conductor Material and Plating Beryllium Copper, Gold

Body Material and Plating Brass, Gold Dielectric Type PTFE

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

RoHS Compliant Yes
REACH Compliant 06/18/2012

Plotted and Other Data

Notes:

Values at +25 °C, sea level

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How to Order



Example: PE39442-6-12 = 12 inches long cable PE39442-6-100cm = 100 cm long cable

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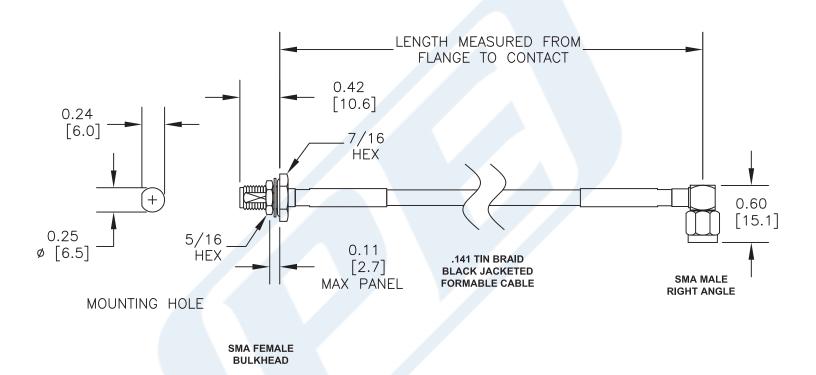
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URL: http://www.pasternack.com/sma-male-sma-female-pe-sr402flj-cable-assembly-pe39442-6-p.aspx

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.



PE39442-6 CAD DrawingSMA Male Right Angle to SMA Female Bulkhead Semi-Flexible Precision Cable 6 Inch Length Using PE-SR402FLJ Coax, RoHS



Note: This part is lead free.

