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SMA Male to SMA Female Bulkhead Semi-Flexible Precision Cable 6 Inch Length Using PE-SR405FLJ Coax, RoHS

TECHNICAL DATA SHEET

PE39433-6

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 SMA Male

Connector 2 SMA Female Bulkhead

Cable Type PE-SR405FLJ

Electrical Specifications

Frequency Range DC to 18 GHz Impedance 50 Ohms Velocity of Propagation 69.5 %

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

RF Shielding 100 dB

Performance by Frequency

Frequency 1

Frequency 1000 MHz Insertion Loss 0.298 dB

Frequency 2

Frequency 2 GHz
Insertion Loss 0.331 dB

Frequency 3

Frequency 4.5 GHz Insertion Loss 0.413 dB

Frequency 4

Frequency 9 GHz Insertion Loss 0.517 dB

Frequency 5

Frequency 18 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 SMA Female Bulkhead Semi-Flexible Precision Cable 6 Inch Length Using PE-SR405FLJ Coax, RoHS PE39433-6

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Insertion Loss 0.669 dB

Mechanical Specifications

Size

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

Cable Color Black

One Time Minimum Bend Radius 0.236 in [5.99 mm]
Repeated Minimum Bend Radius 0.787 in [19.99 mm]

Cable

Cable Type PE-SR405FLJ

Inner Conductor Type Solid

Cable Inner Conductor Copper Clad Steel, Silver

No of Shields 1
Dielectric Type PTFE
Jacket Material FEP

Jacket Diameter 0.098 in [2.49 mm]

Connector 1

Type SMA Male Configuration Straight 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: PE39433-6-12 = 12 inches long cable PE39433-6-100cm = 100 cm long cable

SMA Male to SMA Female Bulkhead Semi-Flexible Precision Cable 6 Inch Length Using PE-SR405FLJ 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.

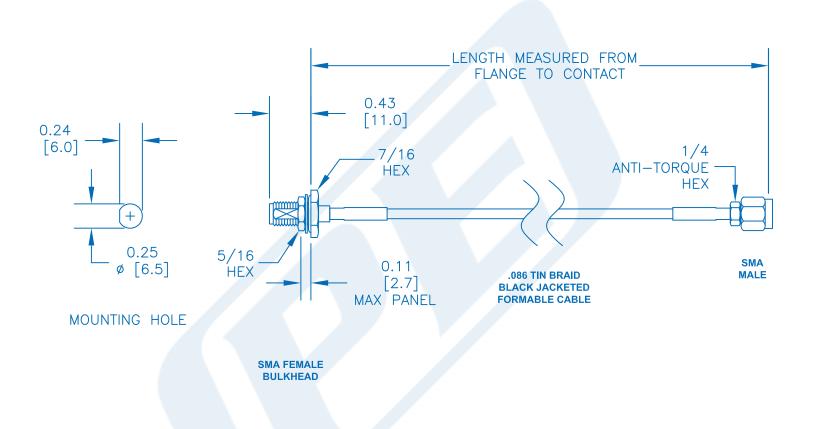
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URL: http://www.pasternack.com/sma-male-sma-female-pe-sr405flj-cable-assembly-pe39433-6-p.aspx

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PE39433-6 CAD DrawingSMA Male to SMA Female Bulkhead Semi-Flexible Precision Cable 6 Inch Length Using PE-SR405FLJ Coax, RoHS



Note: This part is lead free.

