

2.92mm Male to 2.4mm Female Cable 6 Inch Length Using PE-SR405FLJ Coax



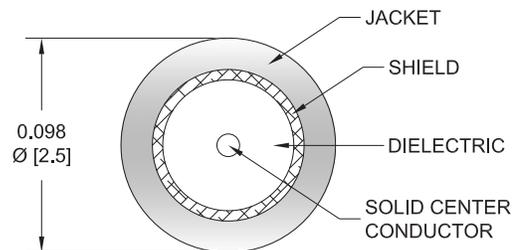
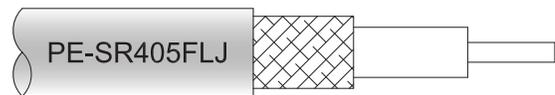
PE3C1114-6

Configuration

- Connector 1: 2.92mm Male
- Connector 2: 2.4mm Female
- Cable Type: PE-SR405FLJ
- Coax Flex Type: Formable

Features

- Shielding Effectivity > 100 dB
- 69.5% Phase Velocity
- FEP Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C1114-6 2.92mm male to 2.4mm female 6 inch cable using PE-SR405FLJ coax is part of our full line of RF components available for same-day shipping. Pasternack's formable RF cable assemblies provide an alternative to costly pre-formed semi-rigid assemblies since they are hand formable. This Pasternack 2.92mm to 2.4mm cable assembly has a male to female gender configuration with 50 ohm formable PE-SR405FLJ coax.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|-------------------------|---------|-------------|---------|--------------|
| Velocity of Propagation | | 69.5 | | % |
| RF Shielding | 100 | | | dB |
| Group Delay | | 1.43 [4.69] | | ns/ft [ns/m] |
| Capacitance | | 29 [95.14] | | pF/ft [pF/m] |

Mechanical Specifications

Cable Assembly

| | |
|----------------|---------------------|
| Length | 6 in [152.4 mm] |
| Width/Diameter | 0.5 in [12.7 mm] |
| Weight | 0.038 lbs [17.24 g] |

Cable

| | |
|------------|-------------|
| Cable Type | PE-SR405FLJ |
|------------|-------------|

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| | |
|--------------------------------------|---------------------------|
| Impedance | 50 Ohms |
| Inner Conductor Type | Solid |
| Inner Conductor Material and Plating | Copper Clad Steel, Silver |
| Dielectric Type | PTFE |
| Number of Shields | 1 |
| Shield Layer 1 | Tinned Copper Braid |
| Jacket Material | FEP, Black |
| Jacket Diameter | 0.098 in [2.49 mm] |
| One Time Minimum Bend Radius | 0.236 in [5.99 mm] |
| Repeated Minimum Bend Radius | 0.787 in [19.99 mm] |

Connectors

| Description | Connector 1 | Connector 2 |
|------------------------------------|------------------------------------|------------------------------------|
| Type | 2.92mm Male | 2.4mm Female |
| Impedance | 50 Ohms | 50 Ohms |
| Configuration | Straight | Straight |
| Contact Material and Plating | Beryllium Copper, Gold over Nickel | Beryllium Copper, Gold over Nickel |
| Contact Plating Specification | 50 µin minimum | 50 µin minimum |
| Dielectric Type | PCTFE | PEI |
| Body Material and Plating | Passivated Stainless Steel | Passivated Stainless Steel |
| Body Plating Specification | SAE-AMS-2700 | SAE-AMS-2700 |
| Coupling Nut Material and Plating | Passivated Stainless Steel | |
| Coupling Nut Plating Specification | SAE-AMS-2700 | |
| Hex Size | 5/16 Inch | |

Environmental Specifications

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:
Values at 25°C, sea level.

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PE3C1114-6

Typical Performance Data

How to Order

Part Number Configuration:

PE3C1114

- xx

uu

Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3C1114-12 = 12 inches long cable
PE3C1114-100cm = 100 cm long cable

2.92mm Male to 2.4mm Female Cable 6 Inch Length Using PE-SR405FLJ Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% 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: [2.92mm Male to 2.4mm Female Cable 6 Inch Length Using PE-SR405FLJ Coax PE3C1114-6](https://www.pasternack.com/2.92mm-male-to-2.4mm-female-cable-6-inch-length-using-pe-sr405flj-pe3c1114-6-p.aspx)

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The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE3C1114-6 CAD Drawing

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