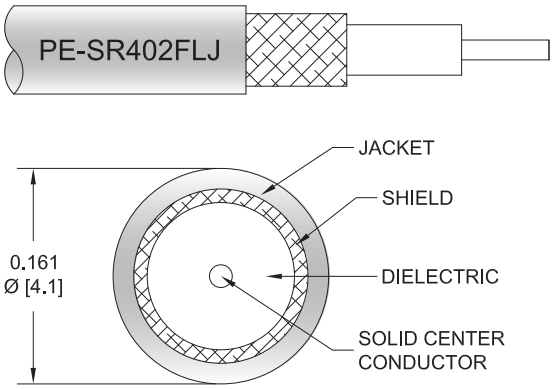
# 2.92mm Male to TNC Female Bulkhead Cable Using PE-SR402FLJ Coax

## PE3W17839

### Configuration

- Connector 1:  2.92mm Male
- Connector 2:  TNC Female Bulkhead
- Cable Type: PE-SR402FLJ
- Coax Flex Type: Formable




### Features

- Shielding Effectivity > 100 dB
- 70% Phase Velocity
- FEP Jacket

### Applications

- General Purpose
- Laboratory Use

### Description

Pasternack's PE3W17839 2.92mm male to TNC female bulkhead cable using PE-SR402FLJ 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 TNC cable assembly has a male to female gender configuration with 50 ohm formable PE-SR402FLJ coax. Our RF cable assembly with TNC bulkhead interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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 | | 70 | | % |
| RF Shielding | 100 | | | dB |
| Group Delay | | 1.43 [4.69] | | ns/ft [ns/m] |
| Capacitance | | 29 [95.14] | | pF/ft [pF/m] |
| DC Resistance Inner Conductor | | 8.23 [27] | | Ohms/1000ft [Ohms/Km] |

### Mechanical Specifications

**Cable Assembly**

| | |
|---|---|
| Width/Diameter | 0.5 in [12.7 mm] |
| Weight | 0.074 lbs [33.57 g] |



+1 (866) 558-2786 | sales@pasternack.com | pasternack.com

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**Cable**

| | |
|---|---|
| Cable Type | PE-SR402FLJ |
| Impedance | 50 Ohms |
| Inner Conductor Type | Solid |
| Inner Conductor Material and Plating | Copper, Silver |
| Dielectric Type | PTFE |
| Outer Conductor 1 Material and Plating | Tinned Copper Braid |
| Jacket Material | FEP, Black |
| Jacket Diameter | 0.161 in [4.09 mm] |
| One Time Minimum Bend Radius | 0.315 in [8 mm] |
| Repeated Minimum Bend Radius | 1.575 in [40.01 mm] |

### Connectors

| Description | Connector 1 | Connector 2 |
|---|---|---|
| Type | 2.92mm Male | TNC Female Bulkhead |
| 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 | |
| Dielectric Type | PCTFE | PTFE |
| Body Material and Plating | Stainless Steel, Gold over Nickel | Brass, Nickel |
| Body Plating Specification | 50 µin minimum | |
| Coupling Nut Material and Plating | Stainless Steel, Gold over Nickel | |
| Coupling Nut Plating Specification | 50 µin minimum | |
| Hex Size | 5/16 inch | |
| Torque | 8 in-lbs 0.9 Nm | |

### Environmental Specifications

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

### Plotted and Other Data

Notes:

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## PE3W17839

### Typical Performance Data

### How to Order

Part Number Configuration: **PE3W17839 - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- PE3W17839 — Base Number

Example: PE3W17839-12 = 12 inches long cable
PE3W17839-100cm = 100 cm long cable

2.92mm Male to TNC Female Bulkhead Cable Using PE-SR402FLJ 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 TNC Female Bulkhead Cable Using PE-SR402FLJ Coax PE3W17839

URL: https://www.pasternack.com/2.92mm-male-to-tnc-female-bulkhead-cable-using-pe-sr402flj-pe3w17839-p.aspx

# PE3W17839 CAD Drawing

2.92mm Male to TNC Female Bulkhead Cable Using PE-SR402FLJ Coax