

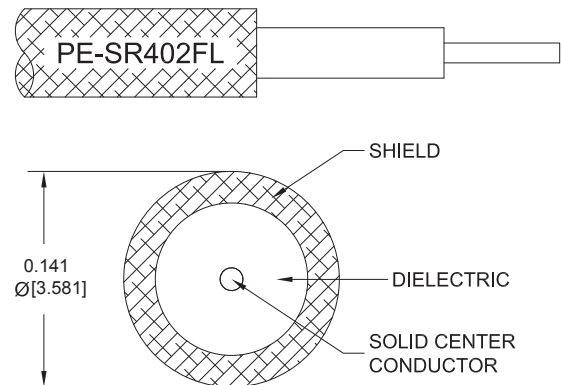
SMA Male Right Angle to TNC Female Bulkhead Cable Using PE-SR402FL Coax

PE3W00169



Configuration

- Connector 1: SMA Male Right Angle
- Connector 2: TNC Female Bulkhead
- Cable Type: PE-SR402FL
- Coax Flex Type: Formable



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W00169 SMA male right angle to TNC female bulkhead cable using PE-SR402FL 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 SMA to TNC cable assembly has a male to female gender configuration with 50 ohm formable PE-SR402FL coax. The right angle SMA interface on the PE-SR402FL cable allows for easier connections in tight spaces. 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.

Mechanical Specifications

Cable Assembly

| | |
|----------------|---------------------|
| Width/Diameter | 0 in [0 mm] |
| Weight | 0.085 lbs [38.56 g] |

Cable

| | |
|--------------------------------------|---------------------|
| Cable Type | PE-SR402FL |
| Impedance | 50 Ohms |
| Inner Conductor Type | Solid |
| Inner Conductor Material and Plating | Copper, Silver |
| Dielectric Type | PTFE |
| Number of Shields | 1 |
| Shield Layer 1 | Tinned Copper Braid |
| One Time Minimum Bend Radius | 0.315 in [8 mm] |
| Repeated Minimum Bend Radius | 1.57 in [39.88 mm] |

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Connectors

| Description | Connector 1 | Connector 2 |
|-----------------------------------|----------------------------|---------------------|
| Type | SMA Male Right Angle | TNC Female Bulkhead |
| Impedance | 50 Ohms | 50 Ohms |
| Configuration | Right Angle | Straight |
| Contact Material and Plating | Brass, Gold | |
| Dielectric Type | PTFE | |
| Body Material and Plating | Brass, Gold | Brass, Nickel |
| Coupling Nut Material and Plating | Passivated Stainless Steel | |
| Hex Size | 5/16 in. | |
| 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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PE3W00169

Typical Performance Data

How to Order

Part Number Configuration:

PE3W00169

- xx

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Unit of Measure:
cm = Centimeters
<blank> = Inches

Length

Base Number

Example: PE3W00169-12 = 12 inches long cable
PE3W00169-100cm = 100 cm long cable

SMA Male Right Angle to TNC Female Bulkhead Cable Using PE-SR402FL 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: [SMA Male Right Angle to TNC Female Bulkhead Cable Using PE-SR402FL Coax PE3W00169](#)

URL: <https://www.pasternack.com/sma-male-tnc-female-pe-sr402fl-cable-assembly-pe3w00169-p.aspx>

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.

PE3W00169 CAD Drawing

SMA Male Right Angle to TNC Female Bulkhead Cable Using PE-SR402FL Coax

