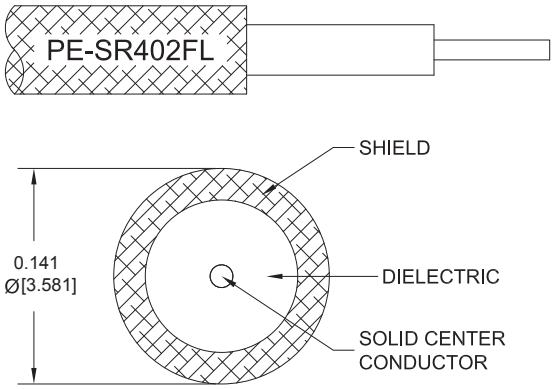
2.92mm Male to N Female Bulkhead Cable Using PE-SR402FL Coax

PE3C10103

Configuration

- Connector 1: 2.92mm Male
- Connector 2: N Female Bulkhead
- Cable Type: PE-SR402FL
- Coax Flex Type: Formable



Features

- Shielding Effectivity > 110 dB
- 69.5% Phase Velocity

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C10103 2.92mm male to type N 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 2.92mm to type N cable assembly has a male to female gender configuration with 50 ohm formable PE-SR402FL coax. Our RF cable assembly with type N 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		69.5		%
RF Shielding	110			dB
Capacitance		29 [95.14]		pF/ft [pF/m]
DC Resistance Inner Conductor		7.8 [25.59]		Ohms/1000ft [Ohms/Km]
DC Resistance Outer Conductor		5.5 [18.04]		Ohms/1000ft [Ohms/Km]

Mechanical Specifications

Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.117 lbs [53.07 g]

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Cable

Cable Type	PE-SR402FL
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
Repeated Minimum Bend Radius	0.625 in [15.88 mm]

Connectors

Description	Connector 1	Connector 2
Type	2.92mm Male	N Female Bulkhead
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Beryllium Copper, Gold over Nickel	Phosphor Bronze, 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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Typical Performance Data

How to Order

Part Number Configuration: **PE3C10103 - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- PE3C10103 — Base Number

Example: PE3C10103-12 = 12 inches long cable
PE3C10103-100cm = 100 cm long cable

2.92mm Male to N 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: 2.92mm Male to N Female Bulkhead Cable Using PE-SR402FL Coax PE3C10103

URL: https://www.pasternack.com/2.92mm-male-to-n-female-bulkhead-cable-using-pe-sr402fl-pe3c10103-p.aspx

PE3C10103 CAD Drawing

2.92mm Male to N Female Bulkhead Cable Using PE-SR402FL Coax