

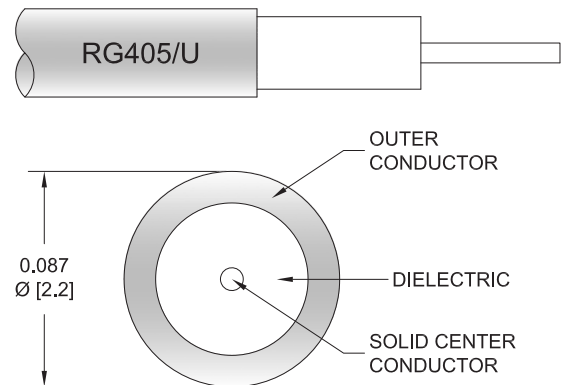
2.92mm Female Bulkhead to 1.85mm Female Cable Using RG405 Semi-Rigid Coax



PE3C10449

Configuration

- Connector 1: 2.92mm Female Bulkhead
- Connector 2: 1.85mm Female
- Cable Type: RG405
- Coax Flex Type: Semi-Rigid



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C10449 2.92mm female bulkhead to 1.85mm female cable using RG405 coax is part of our full line of RF components available for same-day shipping. Pasternack's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. This Pasternack 2.92mm to 1.85mm cable assembly has a female to female gender configuration with 50 ohm semi-rigid RG405 coax. Our RF cable assembly with 2.92mm 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
Dielectric Withstanding Voltage (AC)			1,000	Vrms

Mechanical Specifications

Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.042 lbs [19.05 g]

Cable

Cable Type	RG405
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE

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Number of Shields	1
Outer Conductor 1 Material and Plating	Copper
Jacket Material	Tan
Repeated Minimum Bend Radius	0.05 in [1.27 mm]

Connectors

Description	Connector 1	Connector 2
Type	2.92mm Female Bulkhead	1.85mm Female
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Beryllium Copper, Gold over Nickel	Beryllium Copper, Gold over Nickel over Copper
Contact Plating Specification	50 µin minimum	
Dielectric Type		PPO
Body Material and Plating	Passivated Stainless Steel	Stainless Steel, Passivated
Body Plating Specification	SAE-AMS-2700	

Environmental Specifications

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

Plotted and Other Data

Notes:

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PE3C10449

Typical Performance Data

How to Order

Part Number Configuration:

PE3C10449

- xx

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Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3C10449-12 = 12 inches long cable
PE3C10449-100cm = 100 cm long cable

2.92mm Female Bulkhead to 1.85mm Female Cable Using RG405 Semi-Rigid 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 Female Bulkhead to 1.85mm Female Cable Using RG405 Semi-Rigid Coax PE3C10449](https://www.pasternack.com/2.92mm-female-bulkhead-to-1.85mm-female-cable-using-rg405-pe3c10449-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.

PE3C10449 CAD Drawing
2.92mm Female Bulkhead to 1.85mm Female Cable Using RG405 Semi-Rigid Coax

