

## C Male to C Male Right Angle Cable Using RG225 Coax



### PE37815

#### Configuration

- Connector 1: C Male
- Connector 2: C Male Right Angle
- Cable Type: RG225
- Coax Flex Type: Flexible

#### Features

- Double Shielded
- PTFE (FG) Jacket

#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE37815 type C male to type C male right angle cable using RG225 coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Pasternack type C to type C cable assembly has a male to male gender configuration with 50 ohm flexible RG225 coax. The right angle type C interface on the RG225 cable allows for easier connections in tight spaces. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness.

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
Capacitance		32.4 [106.3]		pF/ft [pF/m]

#### Mechanical Specifications

Cable Assembly	
Weight	0.364 lbs [165.11 g]
Cable	
Cable Type	RG225
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PTFE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	PTFE (FG), Tan
Jacket Diameter	0.43 in [10.92 mm]

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### Connectors

Description	Connector 1	Connector 2
Type	C Male	C Male Right Angle
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Right Angle
Contact Material and Plating	Silver	Silver
Contact Plating Specification	QQ-S-365	QQ-S-365
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	QQ-N-290	QQ-N-290
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Plating Specification	QQ-N-290	QQ-N-290

### Environmental Specifications

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

### Plotted and Other Data

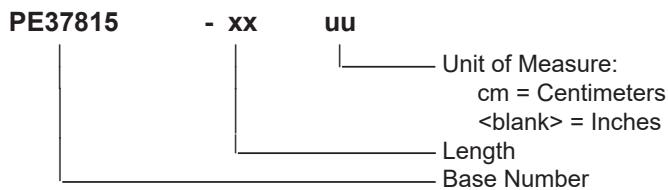
Notes:

Values at 25°C, sea level.

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**PE37815****Typical Performance Data****How to Order**

Part Number Configuration:



Example: PE37815-12 = 12 inches long cable  
PE37815-100cm = 100 cm long cable

C Male to C Male Right Angle Cable Using RG225 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: [C Male to C Male Right Angle Cable Using RG225 Coax PE37815](#)

URL: <https://www.pasternack.com/c-male-to-c-male-cable-using-rg225-pe37815-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.

# PE37815 CAD Drawing

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