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# C Male to C Male Cable 72 Inch Length Using RG217 Coax

#### **RF Cable Assemblies Technical Data Sheet**

PE34437-72

### Configuration

Connector 1: C MaleConnector 2: C MaleCable Type: RG217

#### **Features**

- 66% Phase Velocity
- · Double Shielded
- PVC Jacket

### **Applications**

· General Purpose

· Laboratory Use

#### **Description**

Pasternack's PE34437-72 type C male to type C male 72 inch cable using RG217 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 RG217 coax. 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
Velocity of Propagation		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

#### **Mechanical Specifications**

#### **Cable Assembly**

 Length\*
 72 in [182.88 cm]

 Diameter
 0.865 in [21.97 mm]

 Weight
 1.787 lbs [810.57 g]

#### Cable

Cable TypeRG217Impedance50 OhmsInner Conductor TypeSolidInner Conductor Material and PlatingCopper

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 Cable 72 Inch Length Using RG217 Coax PE34437-72

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 **Phone:** (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451

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Dielectric Type PE
Number of Shields 2

Shield Layer 1

Shield Layer 2

Copper Braid

Copper Braid

Copper Braid

PVC, Black

Jacket Diameter

O.545 in [13.84 mm]

#### **Connectors**

	Connector 2	
C Male	C Male	
MIL-C-39012	MIL-C-39012	
50 Ohms	50 Ohms	
Silver	Silver	
QQ-S-365	QQ-S-365	
Teflon	Teflon	
Brass, Nickel	Brass, Nickel	
Brass, Nickel	Brass, Nickel	
	MIL-C-39012 50 Ohms Silver QQ-S-365 Teflon Brass, Nickel	

Mechanical Specification Notes:

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

#### **Plotted and Other Data**

Notes:

• Values at 25°C, sea level.

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<sup>\*</sup>All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.



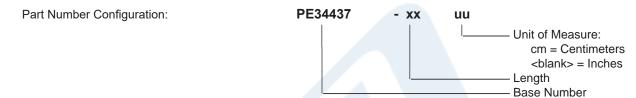


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#### **How to Order**



Example: PE34437-12 = 12 inches long cable

PE34437-100cm = 100 cm long cable

C Male to C Male Cable 72 Inch Length Using RG217 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 Cable 72 Inch Length Using RG217 Coax PE34437-72

URL: https://www.pasternack.com/c-male-c-male-rg217u-cable-assembly-pe34437-72-p.aspx

The information contained in 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 reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

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**PE34437-72 CAD Drawing** C Male to C Male Cable 72 Inch Length Using RG217 Coax

