

C Male to C Male Cable 36 Inch Length Using RG217 Coax



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PE34437-36 REV 1.1

PE34437-36

RF Cable Assemblies Technical Data Sheet

Configuration

- Connector 1: C Male
- Connector 2: C Male
- Cable Type: RG217

Features

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

Applications

· General Purpose

Laboratory Use

Description

Pasternack's PE34437-36 type C male to type C male 36 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

Velocity of Propagation 66 % Capacitance 30.8 [101.05] pF/ft [pF/	Description	Minimum	Typical	Maximum	Units
Capacitance 30.8 [101.05] pF/ft [pF/	Velocity of Propagation		66		%
	Capacitance		30.8 [101.05]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly	
Length*	36 in [914.4 mm]
Diameter	0.865 in [21.97 mm]
Weight	1.045 lbs [474 g]
Weight	1.010180[1119]
Cable	
Cable Type	RG217
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper

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 36 Inch Length Using RG217 Coax PE34437-36





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Dielectric Type Number of Shields Shield Layer 1 Shield Layer 2 Jacket Material Jacket Diameter

Connectors

Description	Connector 1	Connector 2	
Туре	C Male	C Male	
Specification	MIL-C-39012	MIL-C-39012	
Impedance	50 Ohms	50 Ohms	
Contact Material and Plating	Silver	Silver	
Contact Plating Specification	QQ-S-365	QQ-S-365	
Dielectric Type	Teflon	Teflon	
Body Material and Plating	Brass, Nickel	Brass, Nickel	
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel	

PE

Copper Braid Copper Braid

PVC, Black

0.545 in [13.84 mm]

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Mechanical Specification Notes:

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

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

• Values at 25°C, sea level.

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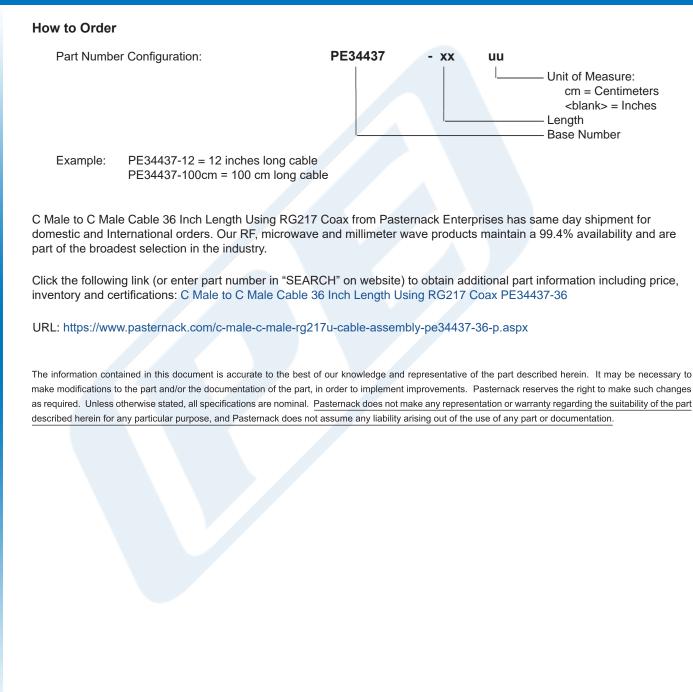




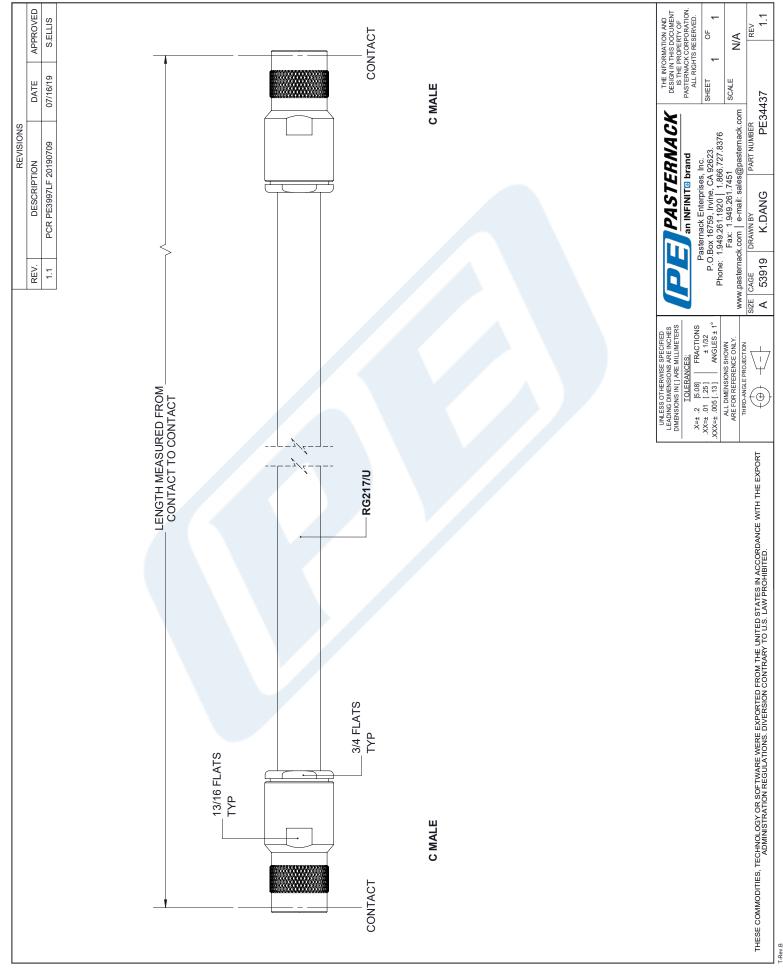
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PE34437-36 CAD Drawing C Male to C Male Cable 36 Inch Length Using RG217 Coax



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