

N Male to 7/16 DIN Male Cable 12 Inch Length Using RG217 Coax



PE36170-12

RF Cable Assemblies Technical Data Sheet

Configuration

- Connector 1: N Male
- Connector 2: 7/16 DIN Male
- Cable Type: RG217

Features

- 66% Phase Velocity
- Double Shielded
- PVC Jacket

Applications

General Purpose

Laboratory Use

Description

Pasternack's PE36170-12 type N male to 7/16 DIN male 12 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 N to 7/16 DIN 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* Diameter	12 in [304.8 mm] 1.25 in [31.75 mm]
Weight	0.77 lbs [349.27 g]
Cable Cable Type	RG217
Impedance Inner Conductor Type	50 Ohms 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: N Male to 7/16 DIN Male Cable 12 Inch Length Using RG217 Coax PE36170-12

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

Sales@Pasternack.com • Techsupport@Pasternack.com



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Dielectric Type Number of Shields Shield Layer 1 Shield Layer 2 Jacket Material Jacket Diameter PE 2 Copper Braid Copper Braid PVC, Black 0.545 in [13.84 mm]

Connectors

Description	Connector 1	Connector 2	
Туре	N Male	7/16 DIN Male	
Specification	MIL-STD-348A		
Impedance	50 Ohms	50 Ohms	
Contact Material and Plating	Brass, Gold	Silver	
Contact Plating Specification	30µ in. minimum		
Dielectric Type	Teflon	PTFE	
Body Material and Plating	Brass, Nickel	Brass, Nickel	
Body Plating Specification	100µ in. minimum		
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel	
Coupling Nut Plating Specification	100µ in. minimum		
Hex Size		1 1/4 in	
Torque		18.417 ft-lbs [24.97 Nm]	

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

• Values at 25°C, sea level.

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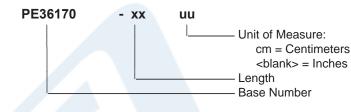
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How to Order Part Number Configuration:



Example: PE36170-12 = 12 inches long cable PE36170-100cm = 100 cm long cable

N Male to 7/16 DIN Male Cable 12 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.

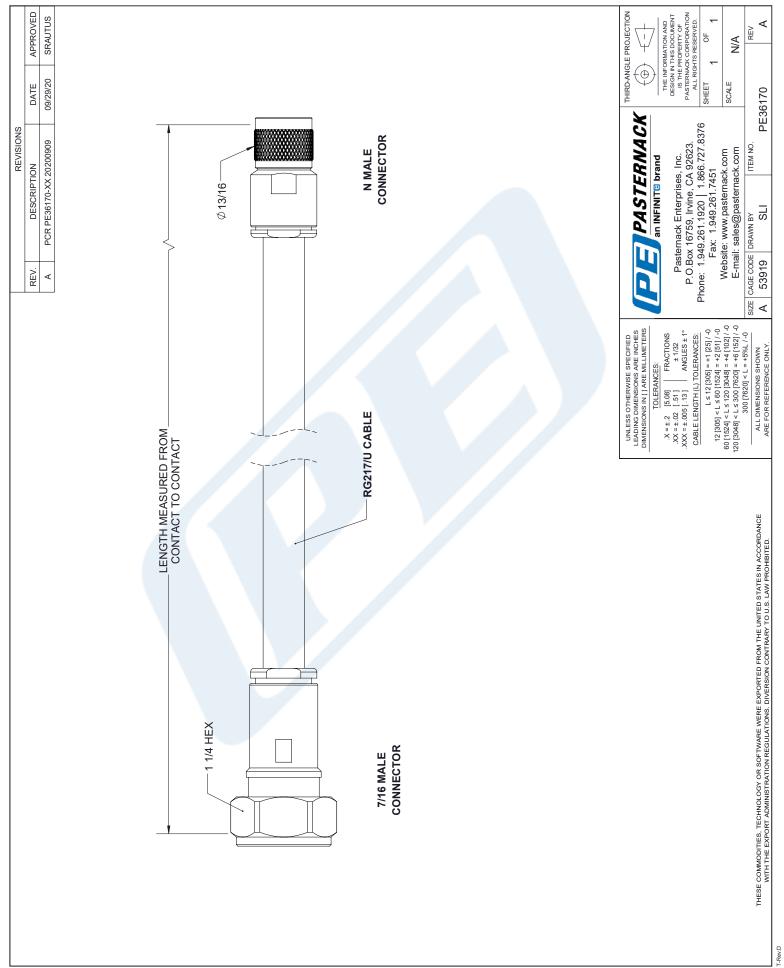
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URL: https://www.pasternack.com/n-male-7-16-male-rg217u-cable-assembly-pe36170-12-p.aspx

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. <u>Pasternack does not make any representation or warranty regarding the suitability of the part</u> 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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PE36170-12 CAD Drawing N Male to 7/16 DIN Male Cable 12 Inch Length Using RG217 Coax



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