

7/16 DIN Male to 7/16 DIN Male Right Angle Cable Using RG217 Coax, LF Solder



PE37600LF

Configuration

- Connector 1: 7/16 DIN Male
- Connector 2: 7/16 DIN Male Right Angle
- Cable Type: RG217
- Coax Flex Type: Flexible

Features

- 66% Phase Velocity
- Double Shielded
- PVC Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE37600LF 7/16 DIN male to 7/16 DIN male right angle 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 7/16 DIN to 7/16 DIN cable assembly has a male to male gender configuration with 50 ohm flexible RG217 coax. The right angle 7/16 DIN interface on the RG217 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
Velocity of Propagation		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Weight 0.952 lbs [431.82 g]

Cable

Cable Type	RG217
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper
Dielectric Type	PE
Number of Shields	2
Shield Layer 1	Copper Braid

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Shield Layer 2	Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.545 in [13.84 mm]

Connectors

Description	Connector 1	Connector 2
Type	7/16 DIN Male	7/16 DIN Male Right Angle
Specification	MIL-C-39012	
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
Hex Size	1 1/4 in	1 1/4 in
Torque	18.417 ft-lbs 24.97 Nm	18 in-lbs 2.03 Nm

Environmental Specifications

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

Plotted and Other Data

Notes:

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PE37600LF

Typical Performance Data

How to Order

Part Number Configuration:

PE37600LF **- xx** **uu**

Unit of Measure:
cm = Centimeters
<blank> = Inches

Length

Base Number

Example: PE37600LF-12 = 12 inches long cable
 PE37600LF-100cm = 100 cm long cable

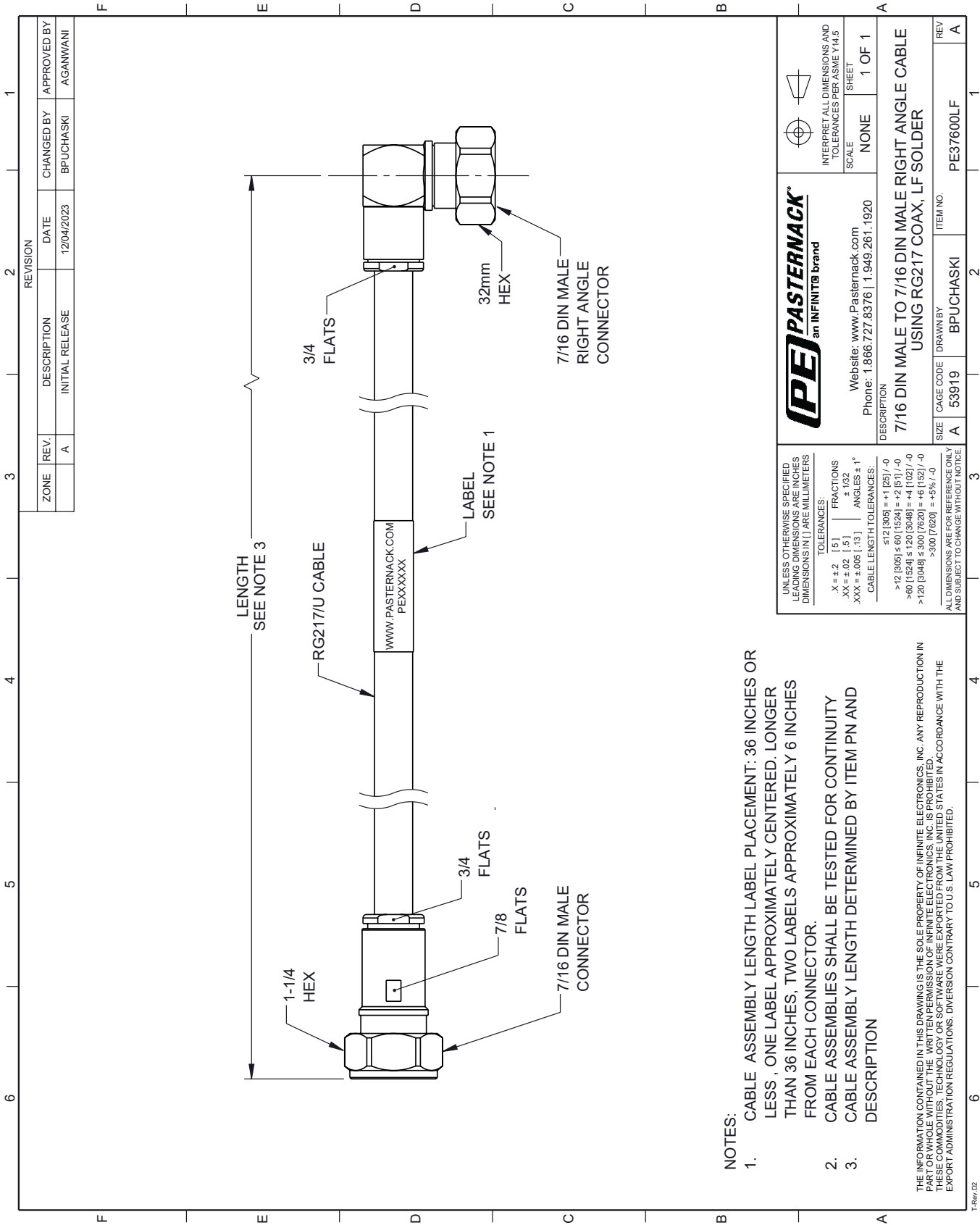
7/16 DIN Male to 7/16 DIN Male Right Angle Cable Using RG217 Coax, LF Solder from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [7/16 DIN Male to 7/16 DIN Male Right Angle Cable Using RG217 Coax, LF Solder PE37600LF](#)

URL: <https://www.pasternack.com/7-16-din-male-to-7-16-din-male-cable-using-rg217-lf-solder-pe37600lf-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.

PE37600LF CAD Drawing
7/16 DIN Male to 7/16 DIN Male Right Angle Cable Using RG217 Coax, LF Solder



- NOTES:
1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS, ONE LABEL APPROXIMATELY CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
2. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY
3. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION

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 		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
SCALE		SHEET	
NONE		1 OF 1	
DESCRIPTION			
7/16 DIN MALE TO 7/16 DIN MALE RIGHT ANGLE CABLE USING RG217 COAX, LF SOLDER			
Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920			
(PE) PASTERNAK an INFINITT® brand			
UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS			
TOLERANCES:			
X = ±.2 [.5] FRACTIONS XX = ±.02 [.5] ± 1/32 XXX = ±.005 [.13] ANGLES ± 1°			
CABLE LENGTH TOLERANCES:			
≤12 [305] ±.1 [25] / -0 >12 [305] ≤60 [1524] ±.2 [51] / -0 >60 [1524] ≤120 [3048] ±.4 [102] / -0 >120 [3048] ≤300 [7620] ±.6 [152] / -0 >300 [7620] ±.9 [5] / -0			
ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	53919	BPUCHASKI	PE37600LF
REV			A