



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

RF Cable Assemblies Technical Data Sheet

PE37600-12

### Configuration

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

### Features

- 66% Phase Velocity
- Double Shielded
- PVC Jacket

### Applications

- General Purpose
- Laboratory Use

### Description

Pasternack's PE37600-12 7/16 DIN male to 7/16 DIN male right angle 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 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

|          |                     |
|----------|---------------------|
| Length*  | 12 in [304.8 mm]    |
| Diameter | 1.25 in [31.75 mm]  |
| Weight   | 1.071 lbs [485.8 g] |

#### Cable

|                      |         |
|----------------------|---------|
| Cable Type           | RG217   |
| Impedance            | 50 Ohms |
| Inner Conductor Type | Solid   |

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 12 Inch Length Using RG217 Coax PE37600-12](#)



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|                                      |                     |
|--------------------------------------|---------------------|
| Inner Conductor Material and Plating | Copper              |
| Dielectric Type                      | PE                  |
| Number of Shields                    | 2                   |
| Shield Layer 1                       | Copper Braid        |
| 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 |
| Impedance                         | 50 Ohms                  | 50 Ohms                   |
| Contact Material and Plating      | Silver                   | Silver                    |
| Dielectric Type                   | PTFE                     | PTFE                      |
| Body Material and Plating         | Brass, Nickel            | Brass, Nickel             |
| Coupling Nut Material and Plating | Brass, Nickel            | Brass, Nickel             |
| Hex Size                          | 1 1/4 in                 | 1 1/4 in                  |
| Torque                            | 18.417 ft-lbs [24.97 Nm] | 18 in-lbs [2.03 Nm]       |

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

**Plotted and Other Data**

Notes:

- Values at 25°C, sea level.

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**How to Order**

Part Number Configuration:

**PE37600**

- **xx**

**uu**

Unit of Measure:  
cm = Centimeters  
<blank> = Inches  
Length  
Base Number

Example: PE37600-12 = 12 inches long cable  
PE37600-100cm = 100 cm long cable

7/16 DIN Male to 7/16 DIN Male Right Angle 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.

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 12 Inch Length Using RG217 Coax PE37600-12](https://www.pasternack.com/7-16-male-7-16-male-rg217u-cable-assembly-pe37600-12-p.aspx)

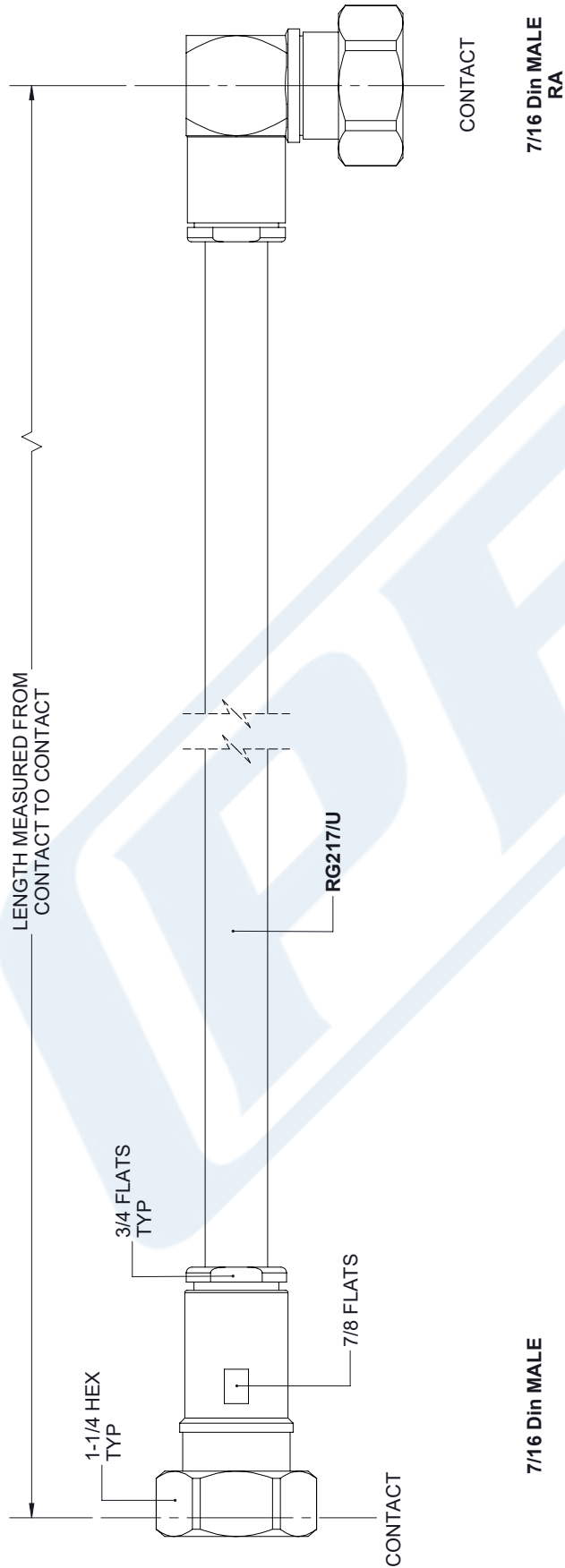
URL: <https://www.pasternack.com/7-16-male-7-16-male-rg217u-cable-assembly-pe37600-12-p.aspx>

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. 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.

# PE37600-12 CAD Drawing

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

| REVISIONS |                 |          |          |
|-----------|-----------------|----------|----------|
| REV.      | DESCRIPTION     | DATE     | APPROVED |
| A         | INITIAL RELEASE | 8/7/2020 | SELLIS   |



UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

#### TOLERANCES:

.X = ± .2 [ .08 ]    FRACTIONS  
.XX = ± .02 [ .51 ]    ± 1/32  
.XXX = ± .005 [ .13 ]    ANGLES ± 1°

#### CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0  
12 [305] < L ≤ 60 [1524] = +2 [51] / -0  
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0  
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0  
300 [7620] < L = +5% L / -0

ALL DIMENSIONS SHOWN  
ARE FOR REFERENCE ONLY.



THIRD-ANGLE PROJECTION  
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DESIGN IN THIS DOCUMENT  
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SHEET 1 OF 1

SCALE N/A

REV A



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SIZE A    CAGE CODE 53919    DRAWN BY K.DANG    ITEM NO. PE37600    REV A

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