



## 7/16 DIN Male to 7/16 DIN Male Cable Using RG217 Coax, RoHS

### RF Cable Assemblies Technical Data Sheet

PE36134LF

#### Configuration

- Connector 1: 7/16 DIN 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 PE36134LF 7/16 DIN male to 7/16 DIN male 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 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

|          |                     |
|----------|---------------------|
| Diameter | 1.25 in [31.75 mm]  |
| Weight   | 0.99 lbs [449.06 g] |

##### Cable

|                                      |         |
|--------------------------------------|---------|
| Cable Type                           | RG217   |
| Impedance                            | 50 Ohms |
| Inner Conductor Type                 | Solid   |
| Inner Conductor Material and Plating | Copper  |
| Dielectric Type                      | PE      |

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 Cable Using RG217 Coax, RoHS PE36134LF](#)



## 7/16 DIN Male to 7/16 DIN Male Cable Using RG217 Coax, RoHS

### RF Cable Assemblies Technical Data Sheet

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|                   |                     |
|-------------------|---------------------|
| 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            |
| 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] | 18.417 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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## 7/16 DIN Male to 7/16 DIN Male Cable Using RG217 Coax, RoHS

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PE36134LF

#### How to Order

Part Number Configuration:

PE36134LF

- xx

uu

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

Example: PE36134LF-12 = 12 inches long cable  
PE36134LF-100cm = 100 cm long cable

7/16 DIN Male to 7/16 DIN Male Cable Using RG217 Coax, RoHS 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 Cable Using RG217 Coax, RoHS PE36134LF](https://www.pasternack.com/7-16-male-7-16-male-rg217u-cable-assembly-pe36134lf-p.aspx)

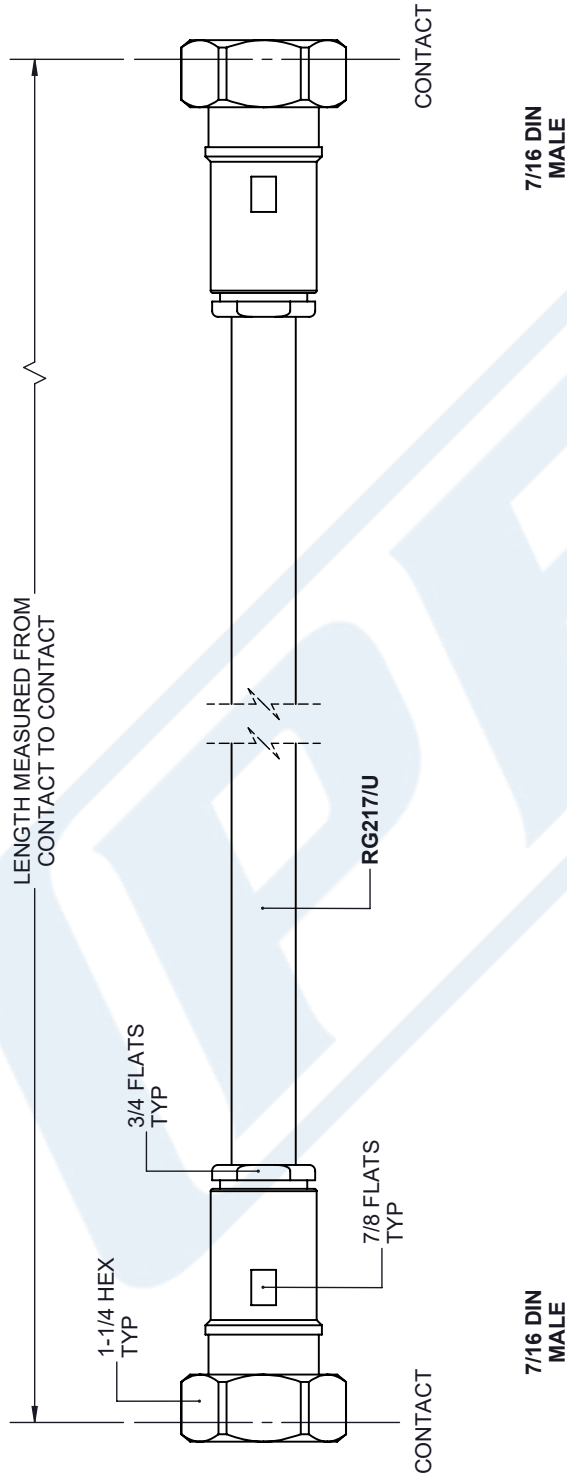
URL: <https://www.pasternack.com/7-16-male-7-16-male-rg217u-cable-assembly-pe36134lf-p.aspx>

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.

# PE36134LF CAD Drawing

7/16 DIN Male to 7/16 DIN Male Cable Using RG217 Coax, RoHS

| REVISIONS |             |           |          |
|-----------|-------------|-----------|----------|
| REV.      | DESCRIPTION | DATE      | APPROVED |
| A         | PCR PE36134 | 9/10/2020 | S. ELLIS |



|  |  |                 |  |   |  |                    |  |                        |  |
|--|--|-----------------|--|---|--|--------------------|--|------------------------|--|
| UNLESS OTHERWISE SPECIFIED<br>LEADING DIMENSIONS ARE INCHES<br>DIMENSIONS IN [ ] ARE MILLIMETERS   |  |                 |  | <div> <b>PASTERNAK®</b><br/>an INFINITE brand</div> <div>Pasternack Enterprises, Inc.<br/>P.O Box 16759, Irvine, CA 92623.<br/>Phone: 1.949.261.1920   1.866.727.8376<br/>Fax: 1.949.261.7451<br/>Website: <a href="http://www.pasternack.com">www.pasternack.com</a><br/>E-mail: <a href="mailto:sales@pasternack.com">sales@pasternack.com</a></div> |  |                    |  | THIRD-ANGLE PROJECTION |  |
| TOLERANCES:<br><div><div>X = ± .2</div><div>[ .008 ]</div><div>FRACTIONS</div><div>± 1/32</div><div>.XX = ± .02</div><div>[ .51 ]</div><div>ANGLES ± 1°</div><div>.XXX = ± .005</div><div>[ .13 ]</div></div> <div>CABLE LENGTH (L) TOLERANCES:<br/><div><div>L ≤ 12 [305]</div><div>± .1 [25]</div><div>/ -0</div><div>12 [305] &lt; L ≤ 60 [1524]</div><div>± .2 [51]</div><div>/ -0</div><div>60 [1524] &lt; L ≤ 120 [3048]</div><div>± .4 [102]</div><div>/ -0</div><div>120 [3048] &lt; L ≤ 300 [7620]</div><div>± .6 [152]</div><div>/ -0</div><div>300 [7620] &lt; L = +5% / -0</div></div></div> <div>ALL DIMENSIONS SHOWN<br/>ARE FOR REFERENCE ONLY.</div> |  |                 |  | SHEET 1 OF 1  |  | SCALE N/A          |  |                        |  |
| SIZE A   |  | CAGE CODE 53919 |  | DRAWN BY K.DANG   |  | ITEM NO. PE36134LF |  | REV A                  |  |

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