



75 Ohm F Male to 75 Ohm F Female Bulkhead Cable  
48 Inch Length Using 75 Ohm RG179 Coax

TECHNICAL DATA SHEET

PE36344-48

**Configuration**

|             |                   |
|-------------|-------------------|
| Connector 1 | F Male            |
| Connector 2 | F Female Bulkhead |
| Cable Type  | RG179             |
| Impedance   | 75 Ohms           |

**Mechanical Specifications**

**Size**

|             |                     |
|-------------|---------------------|
| Length      | 48 in [121.92 cm]   |
| Diameter    | 0.509 in [12.93 mm] |
| Weight      | 0.127 lbs [57.61 g] |
| Cable Color | Tan                 |

**Cable**

|                       |                           |
|-----------------------|---------------------------|
| Cable Type            | RG179                     |
| Inner Conductor Type  | Stranded                  |
| Cable Inner Conductor | Copper Clad Steel, Silver |
| No of Shields         | 1                         |
| Dielectric Type       | PTFE                      |
| Jacket Material       | FEP                       |
| Jacket Diameter       | 0.1 in [2.54 mm]          |

**Connector 1**

|                                      |                    |
|--------------------------------------|--------------------|
| Type                                 | F Male             |
| Configuration                        | Straight           |
| Inner Conductor Material and Plating | Brass, Gold        |
| Coupling Nut Material and Plating    | Brass, Nickel      |
| Coupling Nut Plating Specification   | 100µ in. minimum   |
| Hex Size                             | 7/16 in            |
| Torque                               | 15 in-lbs [1.7 Nm] |
| Body Material and Plating            | Brass, Nickel      |
| Body Plating Specification           | 100µ in. minimum   |
| Dielectric Type                      | Teflon             |

**Connector 2**

|                                       |                       |
|---------------------------------------|-----------------------|
| Type                                  | F Female Bulkhead     |
| Configuration                         | Straight              |
| Mount Method                          | Bulkhead              |
| Inner Conductor Material and Plating  | Phosphor Bronze, Gold |
| Inner Conductor Plating Specification | 30µ in. minimum       |
| Body Material and Plating             | Brass, Nickel         |
| Body Plating Specification            | 100µ in. minimum      |
| Dielectric Type                       | Teflon                |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm F Male to 75 Ohm F Female Bulkhead Cable 48 Inch Length Using 75 Ohm RG179 Coax PE36344-48](#)



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**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

For RoHS Compliant version, use PE36344LF-48. Contact Pasternack if product cannot be found.

REACH Compliant

12/19/2011

**Plotted and Other Data**

Notes:

- Values at +25 °C, sea level

**How to Order**

Part Number Configuration:

PE36344

- xx

uu

Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE36344-12 = 12 inches long cable  
PE36344-100cm = 100 cm long cable

75 Ohm F Male to 75 Ohm F Female Bulkhead Cable 48 Inch Length Using 75 Ohm RG179 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% 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: [75 Ohm F Male to 75 Ohm F Female Bulkhead Cable 48 Inch Length Using 75 Ohm RG179 Coax PE36344-48](http://www.pasternack.com/f-male-f-female-rg179bu-cable-assembly-pe36344-48-p.aspx)

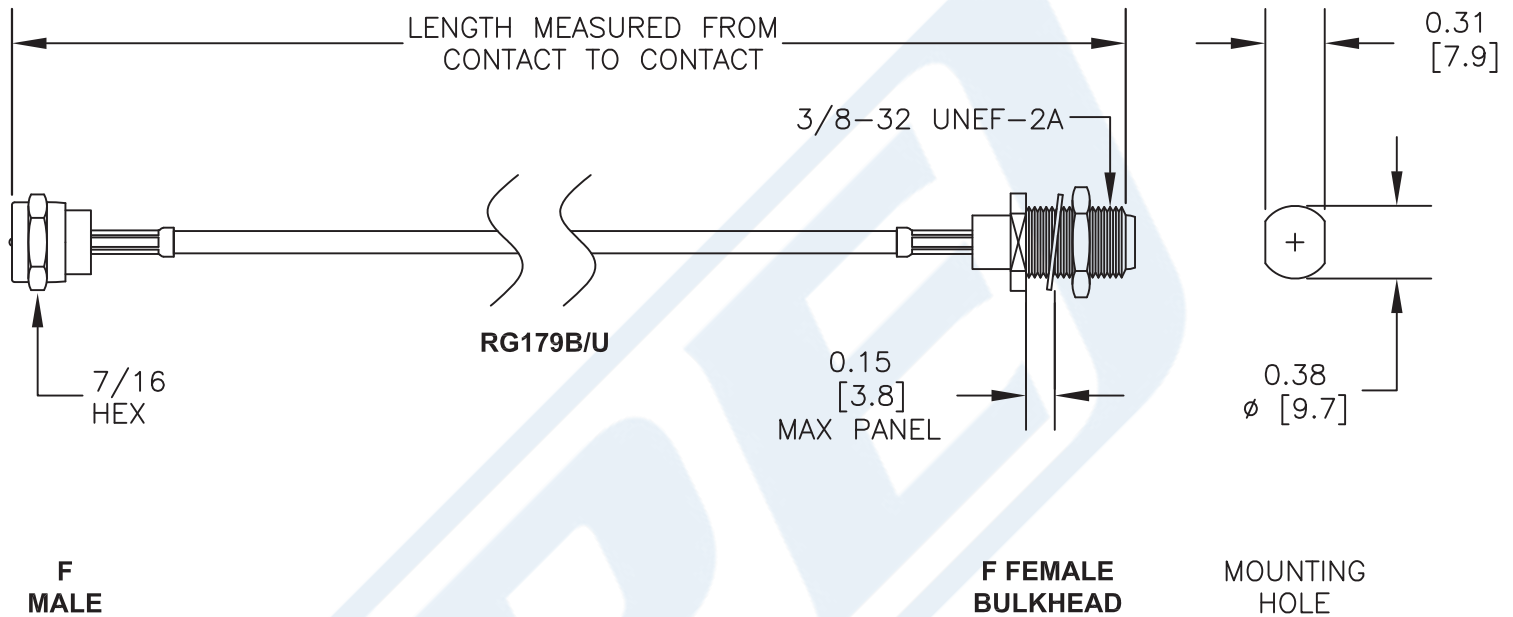
URL: <http://www.pasternack.com/f-male-f-female-rg179bu-cable-assembly-pe36344-48-p.aspx>

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.

# PE36344-48 CAD Drawing

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## NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].
4. LENGTH TOLERANCE IS  $\pm 1.5\%$  OR  $3/8"$ , WHICHEVER IS GREATER.

DWG TITLE

**PE36344**

**FSCM NO. 53919**

CAD FILE

082411

SCALE N/A

SIZE A

2231