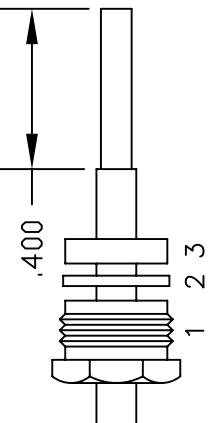
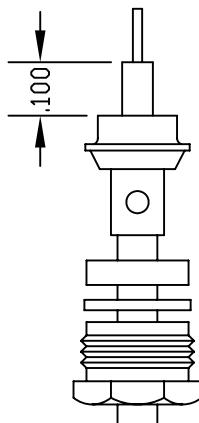


| MATERIALS      |                     |
|----------------|---------------------|
| BODY           | BRASS NICKEL PLATED |
| CONTACT        | GOLD PLATED         |
| INSULATOR      | PTFE                |
| SOLDER ADAPTER | BRASS GOLD PLATED   |

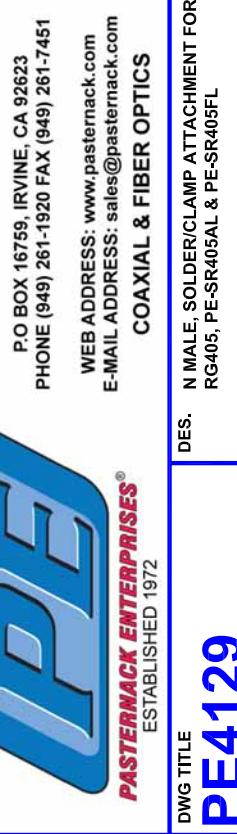


#### ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN IN ASSEMBLY (A). DO NOT CUT DIELECTRIC.
2. SLIDE ADAPTER (4) OVER CABLE UNTIL ADAPTER (4) BOTTOMS ON OUTER CONDUCTOR. SOLDER ADAPTER (4) TO OUTER CONDUCTOR USING MINIMUM HEAT.



#### ASSEMBLY (B)



| REV. - | FSCM NO. | 53919 | CAD FILE | 042309 | SCALE | N/A | SIZE A | 147 |
|--------|----------|-------|----------|--------|-------|-----|--------|-----|
|        |          |       |          |        |       |     |        |     |

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.

# N Female Bulkhead Mount Connector Clamp/ Solder Attachment for PE-SR405AL, PE-SR405FL, RG405, PE-SR405TN, .640 inch DD Hole



## RF Connectors Technical Data Sheet

**PE4443**

### Configuration

- N Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: PE-SR405AL, PE-SR-405FL, RG405, PE-SR405TN
- Bulkhead

### Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

### Description

Pasternack's PE4443 type N female bulkhead connector with clamp/solder attachment for PE-SR405AL, PE-SR405FL, RG405 and PE-SR405TN (.640 inch DD hole) is part of our full line of RF components available for same-day shipping. This type N bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our type N female bulkhead connector PE4443 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

### Mechanical Specifications

|        |                   |
|--------|-------------------|
| Weight | 0.11 lbs [49.9 g] |
|--------|-------------------|

### Material Specifications

| Description | Material | Plating |
|-------------|----------|---------|
| Body        | Brass    | Nickel  |

### Environmental Specifications

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

### Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Bulkhead Mount Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR-405FL, RG405, PE-SR405TN, .640 inch DD Hole PE4443](#)

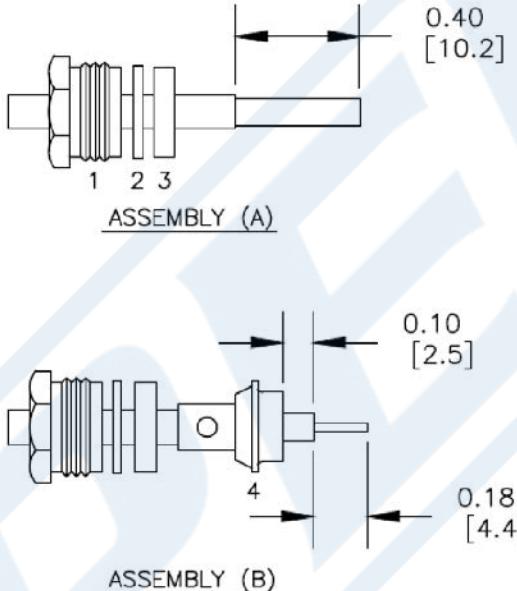
N Female Bulkhead Mount Connector Clamp/  
Solder Attachment for PE-SR405AL, PE-SR405FL,  
RG405, PE-SR405TN, .640 inch DD Hole



RF Connectors  
Technical Data Sheet

PE4443

**Assembly Instruction**



**ASSEMBLY PROCEDURES**

1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN IN ASSEMBLY (A). DO NOT CUT DIELECTRIC.
2. SLIDE ADAPTER (4) OVER CABLE UNTIL ADAPTER (4) BOTTOMS ON OUTER CONDUCTOR. SOLDER ADAPTER (4) TO OUTER CONDUCTOR USING MINIMUM HEAT.
3. STRIP CABLE AS SHOWN IN ASSEMBLY (B). SOLDER CONTACT TO CENTER CONDUCTOR. SLIDE ASSEMBLY FORWARD & TIGHTEN TO BODY.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Bulkhead Mount Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR-405FL, RG405, PE-SR405TN, .640 inch DD Hole PE4443](#)



## N Female Bulkhead Mount Connector Clamp/ Solder Attachment for PE-SR405AL, PE-SR405FL, RG405, PE-SR405TN, .640 inch DD Hole

### RF Connectors Technical Data Sheet

PE4443

N Female Bulkhead Mount Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, RG405, PE-SR405TN, .640 inch DD Hole 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: [N Female Bulkhead Mount Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, RG405, PE-SR405TN, .640 inch DD Hole PE4443](#)

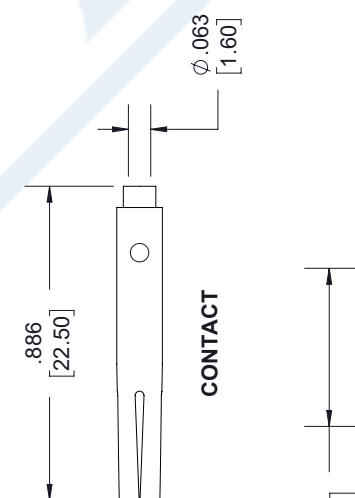
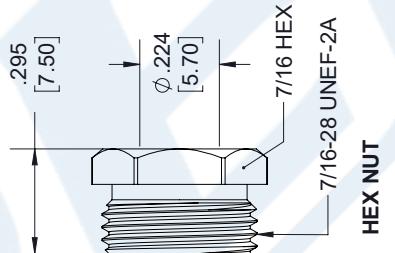
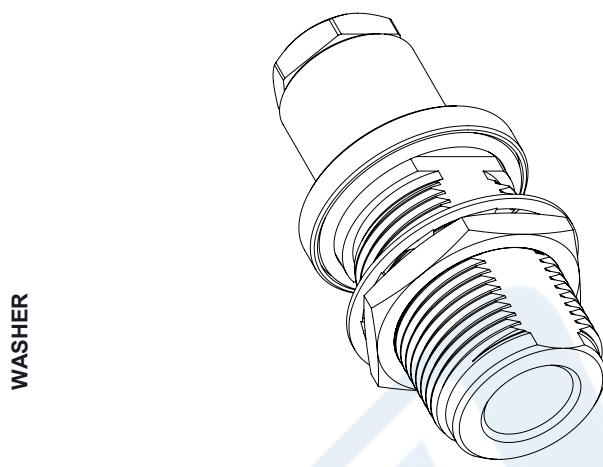
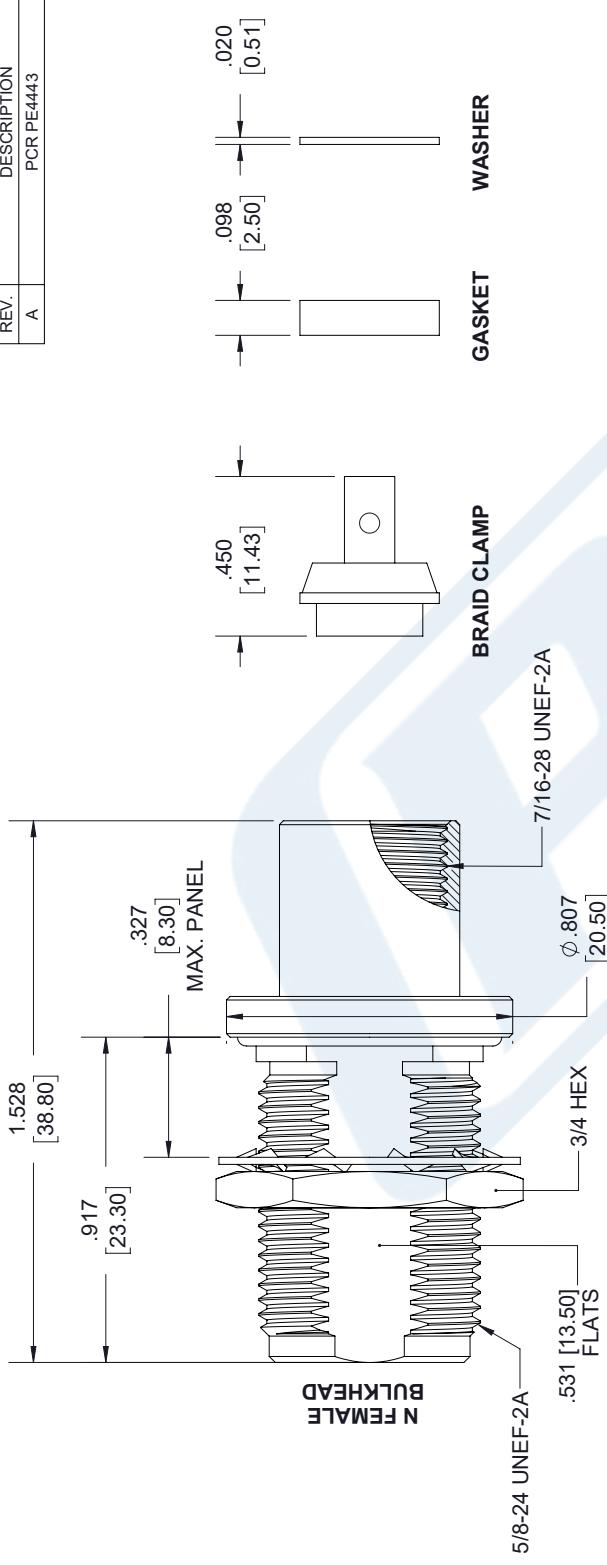
URL: <https://www.pasternack.com/n-female-standard-pe-sr405al-pe-sr405fl-rg405-connector-pe4443-p.aspx>

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.

# PE4443 CAD Drawing

N Female Bulkhead Mount Connector Clamp/Solder Attachment for PE-SR405AL, PE-SR405FL, RG405, PE-SR405TN, .640 inch DD Hole

| REVISIONS |             |            |          |
|-----------|-------------|------------|----------|
| REV.      | DESCRIPTION | DATE       | APPROVED |
| A         | PCR PE4443  | 12/19/2019 | S.ELLIS  |



|   |  |
|---|--|
| THIRD ANGLE PROJECTION  |  |
| THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF PASTERNAK CORPORATION. ALL RIGHTS RESERVED.  |  |
| PE  | PASTERNAK <sup>®</sup><br>an INFINITE <sup>®</sup> brand |
| Pasterнак Enterprises, Inc.<br>P.O. Box 16759, Irvine, CA 92623.<br>Phone: 1.949.261.7236<br>Fax: 1.949.261.7451<br>Website: www.pasterнак.com<br>E-mail: sales@pasterнак.com | SHEET 1 OF 2   |
| SIZE A  | SCALE N/A  |
| CAGE CODE 53919   | DRAWN BY K. DANG   |
| ITEM NO. PE4443   | REV A  |

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

FRACTIONS  
 $X = \pm .2$  [5.08]       $\frac{1}{32}$   
 $XXX = \pm .02$  [5.51]       $\pm .13$   
 $XXX = \pm .005$  [1.31]      ANGLES  $\pm 1^\circ$   
CABLE LENGTH (L) TOLERANCES:  
 $L \leq 12$  [305] =  $+1 [-25]$  / -0  
 $12 [305] < L \leq 60 [1524] = +2 [-51]$  / -0  
 $60 [1524] < L \leq 120 [3048] = +4 [-102]$  / -0  
 $120 [3048] < L \leq 300 [7620] = +6 [-152]$  / -0  
 $300 [7620] < L = +5% L$  / -0

ALL DIMENSIONS SHOWN  
ARE FOR REFERENCE ONLY.

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WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

## 086 Semi-rigid Coax Cable with Copper Outer Conductor

### TECHNICAL DATA SHEET

### RG405/U

#### 086 Semi-rigid Coax Cable with Copper Outer Conductor

##### Configuration

|                                      |                           |
|--------------------------------------|---------------------------|
| Inner Conductor Material and Plating | Copper Clad Steel, Silver |
| Dielectric Type                      | PTFE                      |
| Shield Materials                     | Copper                    |
| Jacket Material and Color            | Tan                       |

##### Electrical Specifications

|                                       |       |
|---------------------------------------|-------|
| Impedance, Ohms                       | 50    |
| Maximum Operating Frequency, GHz      | 40    |
| Dielectric Withstanding Voltage, Vrms | 5,000 |

##### Electrical Specifications by Frequency

|                                 |            |
|---------------------------------|------------|
| <b>Frequency 1</b>              |            |
| Frequency, MHz                  | 1000       |
| Attenuation, dB/100ft [dB/100m] | 22 [72.18] |
| Power Handling, Watts           | 130        |

##### Frequency 2

|                                 |             |
|---------------------------------|-------------|
| Frequency, GHz                  | 10          |
| Attenuation, dB/100ft [dB/100m] | 80 [262.47] |
| Power Handling, Watts           | 35          |

##### Frequency 3

|                                 |             |
|---------------------------------|-------------|
| Frequency, GHz                  | 20          |
| Attenuation, dB/100ft [dB/100m] | 120 [393.7] |
| Power Handling, Watts           | 20          |

##### Mechanical Specifications

|                        |             |
|------------------------|-------------|
| <b>Temperature</b>     |             |
| Operating Range, deg C | -55 to +125 |

##### Inner Conductor

|                   |                   |
|-------------------|-------------------|
| Number of Strands | 1                 |
| Material          | Copper Clad Steel |
| Plating           | Silver            |
| Diameter, in [mm] | 0.02 [0.51]       |

##### Dielectric:

|                   |              |
|-------------------|--------------|
| Type              | PTFE         |
| Diameter, in [mm] | 0.066 [1.68] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [086 Semi-rigid Coax Cable with Copper Outer Conductor RG405/U](#)

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.

## 086 Semi-rigid Coax Cable with Copper Outer Conductor

### TECHNICAL DATA SHEET

### RG405/U

**Shield:**

|                   |              |
|-------------------|--------------|
| Number of         | 1            |
| Material 1        | Copper       |
| Diameter, in [mm] | 0.087 [2.21] |

**Jacket:**

|                                       |              |
|---------------------------------------|--------------|
| Color                                 | Tan          |
| One Time Minimum Bend Radius, in [mm] | 0.05 [1.27]  |
| Weight, lbs/ft [Kg/m]                 | 0.015 [0.02] |

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

|                |     |
|----------------|-----|
| RoHS Compliant | Yes |
|----------------|-----|

**Plotted and Other Data**

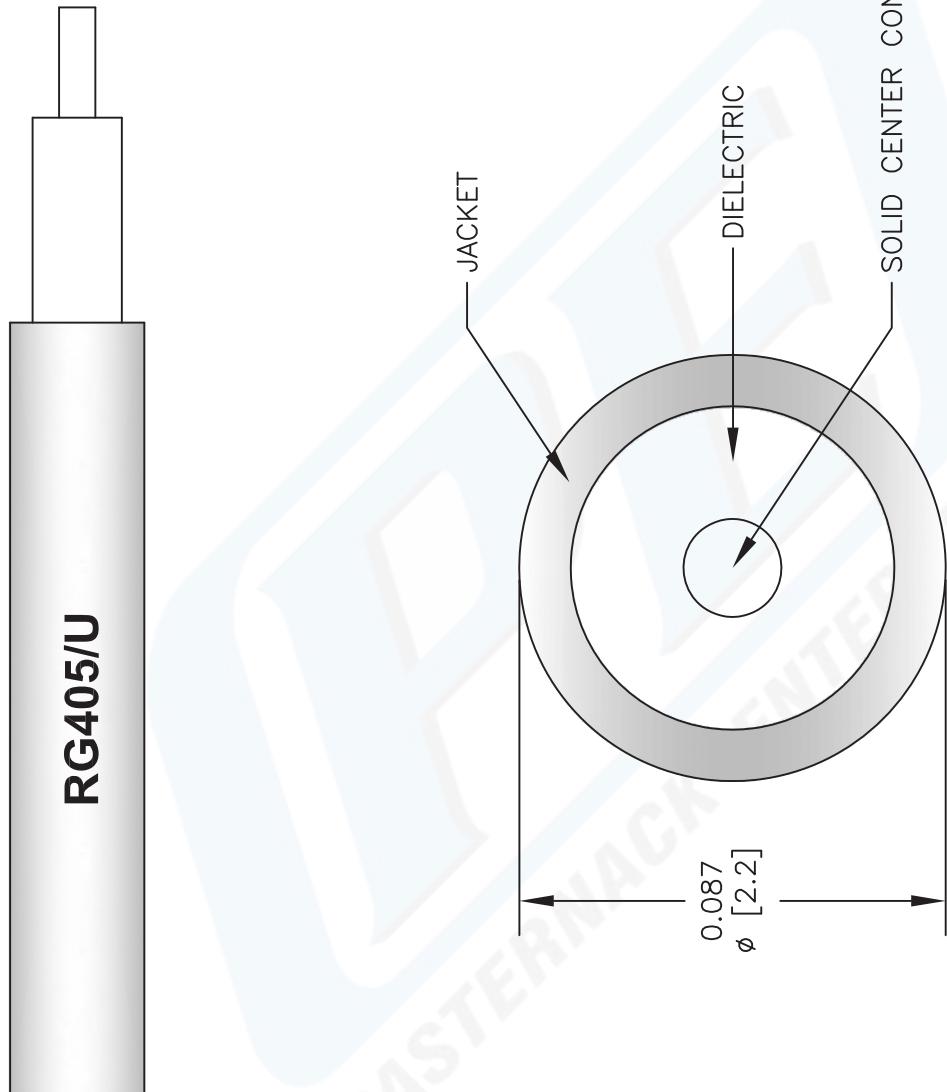
|        |                            |
|--------|----------------------------|
| Notes: | Values at 25 °C, sea level |
|--------|----------------------------|

086 Semi-rigid Coax Cable with Copper Outer Conductor from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic 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: [086 Semi-rigid Coax Cable with Copper Outer Conductor RG405/U](http://www.pasternack.com/semirigid-0.085-rg405-50-ohm-coax-cable-copper-rg405-u-p.aspx)

URL: <http://www.pasternack.com/semirigid-0.085-rg405-50-ohm-coax-cable-copper-rg405-u-p.aspx>

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| NOTES:   |                             |                |                                       |
|--|-----------------------------|----------------|---------------------------------------|
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| 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  |                             |                |                                       |
| 3. DIMENSIONS ARE IN INCHES [mm].  |                             |                |                                       |
| <b>PE PASTERNACK®</b>  | DWG TITLE<br><b>RG405/U</b> | FSCM NO. 53919 | CAD FILE 022908 SCALE N/A SIZE A 2233 |
| Pasternack Enterprises, Inc.<br>P.O. Box 16759   Irvine   CA   92623   |                             |                |                                       |
| Phone: (949) 261-1920   Fax: (949) 261-7451  |                             |                |                                       |
| Website: <a href="http://www.pasternack.com">www.pasternack.com</a>   E-Mail: <a href="mailto:sales@pasternack.com">sales@pasternack.com</a> |                             |                |                                       |