

## C Male Right Angle Connector Crimp/Solder Attachment For RG55, RG141, RG142, RG223, RG400



### RF Connectors Technical Data Sheet

**PE4958**

#### Configuration

- C Male Connector
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: RG55, RG141, RG142, RG223, RG400

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4958 type C Right Angle, C, Standard, Connector is part of our full line of RF components available for same-day shipping. Its right angle body geometry allows for easier connections in tight spaces.

Our type C male right angle connector PE4958 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.

|           |    |      |
|-----------|----|------|
| Impedance | 50 | Ohms |
|-----------|----|------|

#### Mechanical Specifications

| Size   |                    |
|--------|--------------------|
| Length | 1.97 in [50.2 mm]  |
| Width  | 0.75 in [19.1 mm]  |
| Height | 1.3 in [33.1 mm]   |
| Weight | 0.13 lbs [58.97 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: [C Male Right Angle Connector Crimp/Solder Attachment For RG55, RG141, RG142, RG223, RG400 PE4958](#)

C Male Right Angle Connector Crimp/Solder Attachment  
For RG55, RG141, RG142, RG223, RG400



**RF Connectors**  
**Technical Data Sheet**

**PE4958**

C Male Right Angle Connector Crimp/Solder Attachment For RG55, RG141, RG142, RG223, RG400 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.

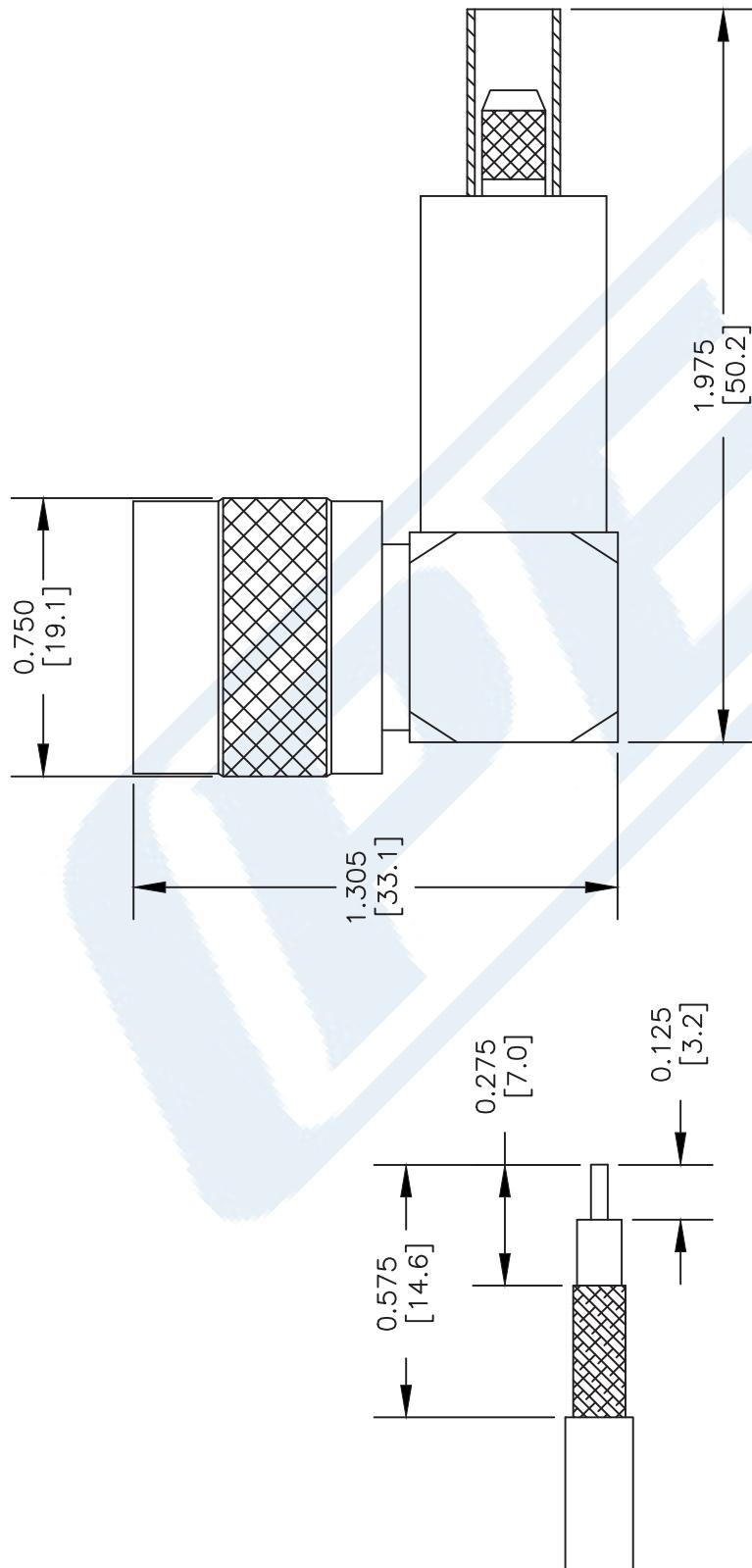
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [C Male Right Angle Connector Crimp/Solder Attachment For RG55, RG141, RG142, RG223, RG400 PE4958](#)

URL: <https://www.pasternack.com/c-male-standard-rg55-rg141-rg142-rg223-rg400-connector-pe4958-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.

# PE4958 CAD Drawing

C Male Right Angle Connector Crimp/Solder Attachment  
For RG55, RG141, RG142, RG223, RG400



| DWG TITLE   | PE4958 | CAD FILE | 061402 | SCALE N/A | SIZE A | XXXX |
|---|--------|----------|--------|-----------|--------|------|
| <b>PASTERACK</b><br>Pasternack Enterprises, Inc.<br>P.O. Box 16759   Irvine   CA   92623<br>Phone: (949) 261-1920   Fax: (949) 261-7451<br>Website: <a href="http://www.pasternack.com">www.pasternack.com</a>   E-Mail: <a href="mailto:sales@pasternack.com">sales@pasternack.com</a> |        |          |        |           |        |      |

## TNC Male Connector Crimp/Crimp Attachment for RG55, RG142, RG223, RG400



### RF Connectors Technical Data Sheet

**PE4047**

#### Configuration

- TNC Male Connector
- MIL-STD-348A
- 50 Ohms

- Straight Body Geometry
- Connector Interface Types: RG55, RG142, RG223, RG400

#### Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.5:1

- Gold Plated Brass Contact
- 30  $\mu$ in minimum contact plating

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4047 TNC male connector with crimp/crimp attachment for RG55, RG142, RG223 and RG400 is part of our full line of RF components available for same-day shipping. Our TNC male connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.5:1.

Our TNC male connector PE4047 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.

#### Electrical Specifications

| Description            | Minimum | Typical | Maximum | Units |
|------------------------|---------|---------|---------|-------|
| Frequency Range        | DC      |         | 6       | GHz   |
| VSWR                   |         |         | 1.5:1   |       |
| Operating Voltage (AC) |         |         | 500     | Vrms  |

#### Mechanical Specifications

| Size       |                     |
|------------|---------------------|
| Length     | 1.097 in [27.86 mm] |
| Width/Dia. | 0.571 in [14.50 mm] |
| Weight     | 0.033 lbs [14.97 g] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Male Connector Crimp/Crimp Attachment for RG55, RG142, RG223, RG400 PE4047](#)

**TNC Male Connector Crimp/Crimp Attachment  
for RG55, RG142, RG223, RG400**



**RF Connectors  
Technical Data Sheet**

**PE4047**

**Material Specifications**

| Description  | Material | Plating                        |
|--------------|----------|--------------------------------|
| Contact      | Brass    | Gold<br>30 $\mu$ in minimum    |
| Insulation   | PTFE     |                                |
| Body         | Brass    | Nickel<br>100 $\mu$ in minimum |
| Coupling Nut | Brass    | Nickel<br>100 $\mu$ in minimum |
| Crimp Sleeve | Brass    | Nickel                         |

**Environmental Specifications**

**Temperature**

Operating Range

-65 to +165 deg C

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

**Plotted and Other Data**

Notes:

TNC Male Connector Crimp/Crimp Attachment for RG55, RG142, RG223, RG400 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: [TNC Male Connector Crimp/Crimp Attachment for RG55, RG142, RG223, RG400 PE4047](#)

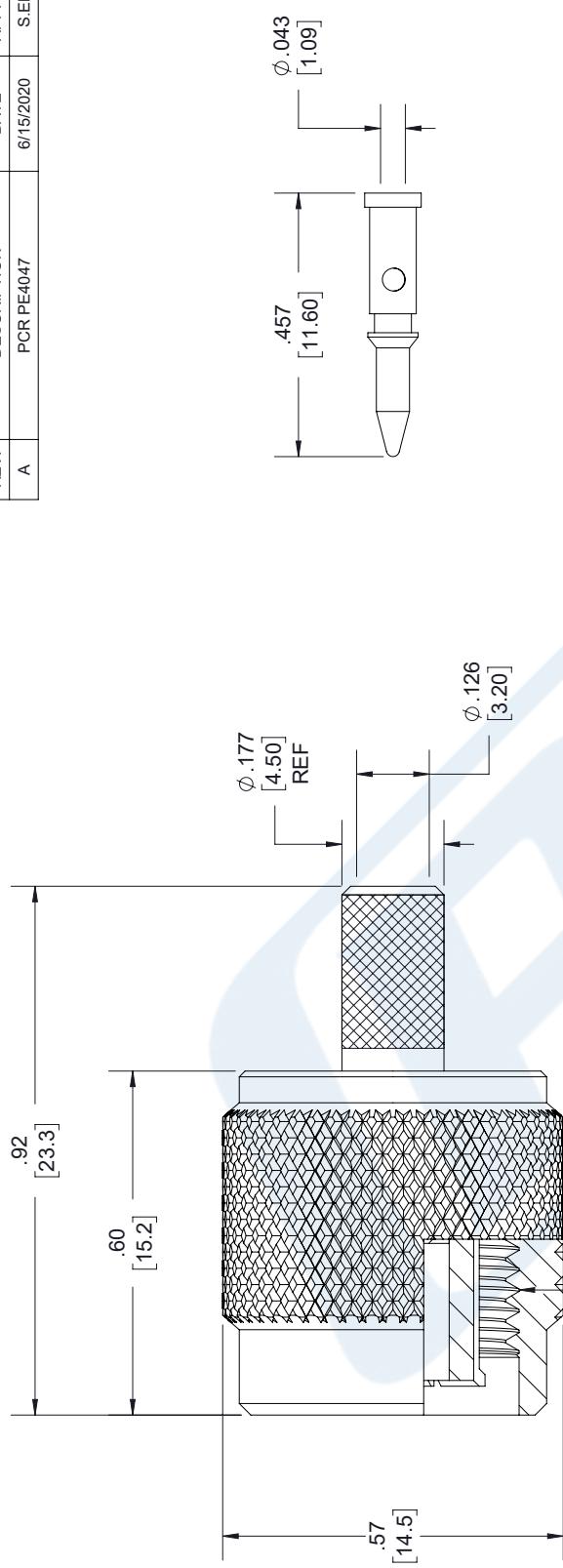
URL: <https://www.pasternack.com/tnc-male-rg55-rg142-rg223-rg400-connector-pe4047-p.aspx>

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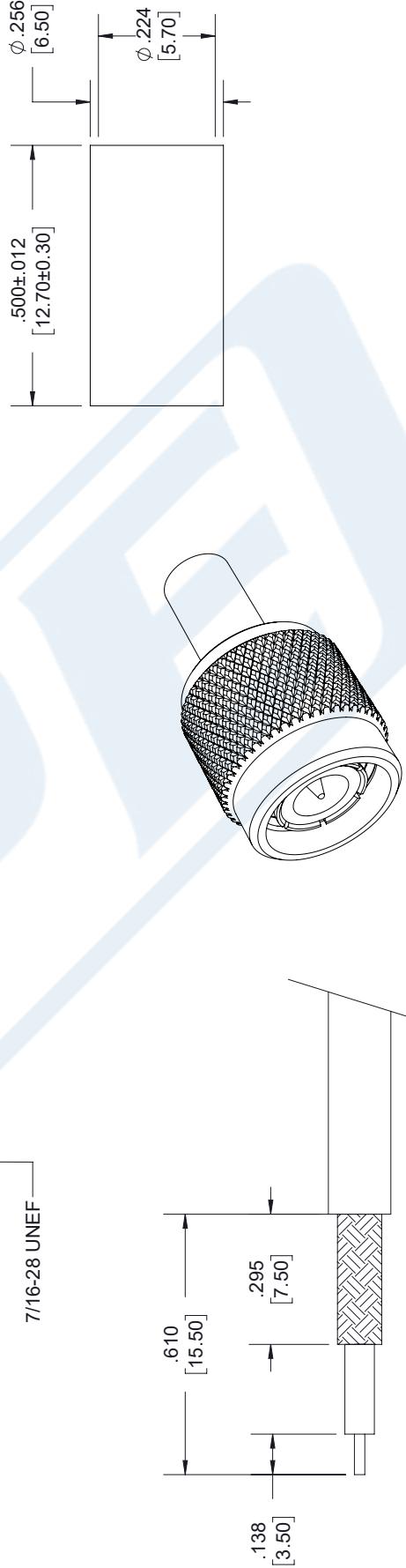
# PE4047 CAD Drawing

TNC Male Connector Crimp/Crimp Attachment for RG55, RG142, RG223, RG400

| REVISIONS |             |           |          |  |
|-----------|-------------|-----------|----------|--|
| REV.      | DESCRIPTION | DATE      | APPROVED |  |
| A         | PCR PE4047  | 6/15/2020 | S.SELLS  |  |



7/16-28 UNEF



## STRIPPING DIMENSIONS

### NOTES:

1. CABLE ATTACHMENT:
  - INNER: SOLDER/CRIMP.
  - OUTER: CRIMP.
2. CRIMP SIZE REQUIRED:
  - FERRULE: 213 [5.41] HEX. CRIMP TOOL.
  - CONTACT: .068 [1.73] HEX. CRIMP TOOL.

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|   |          |
|---|----------|
| THIRD-ANGLE PROJECTION  |          |
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| REF.  | 1        |
| PCB   | OF       |
| PASTERNACK <sup>®</sup><br>an INFINITE <sup>®</sup> brand   | 1        |
| Pasterнак Enterprises, Inc.<br>P.O. Box 16759, Irvine, CA 92623.<br>Phone: 1.949.261.7451<br>Fax: 1.866.727.8376<br>Website: www.pasterнак.com<br>E-mail: sales@pasterнак.com | N/A      |
| SIZE  | SCALE    |
| CAGE CODE   | ITEM NO. |
| A   | PE4047   |
| K.DANG  | REV      |

# Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket

## TECHNICAL DATA SHEET

**RG400/U**

### Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket

#### Configuration

|                                      |  |
|--------------------------------------|--|
| Inner Conductor Material and Plating | Copper, Silver   |
| Dielectric Type                      | PTFE   |
| Shield Materials                     | Silver Plated Copper Braid, Silver Plated Copper Braid |
| Jacket Material and Color            | FEP, Tan   |

#### Electrical Specifications

|                                  |             |
|----------------------------------|-------------|
| Impedance, Ohms                  | 50          |
| Velocity of Propagation, %       | 69.5        |
| Maximum Operating Frequency, GHz | 12.4        |
| Capacitance, pF/ft [pF/m]        | 32 [104.99] |
| Maximum Operating Voltage, Volts | 1,900       |

#### Electrical Specifications by Frequency

##### Frequency 1

|                                 |             |
|---------------------------------|-------------|
| Frequency, MHz                  | 100         |
| Attenuation, dB/100ft [dB/100m] | 4.4 [14.44] |

##### Frequency 2

|                                 |              |
|---------------------------------|--------------|
| Frequency, MHz                  | 1000         |
| Attenuation, dB/100ft [dB/100m] | 14.7 [48.23] |

##### Frequency 3

|                                 |             |
|---------------------------------|-------------|
| Frequency, GHz                  | 5           |
| Attenuation, dB/100ft [dB/100m] | 36 [118.11] |

##### Frequency 4

|                                 |               |
|---------------------------------|---------------|
| Frequency, GHz                  | 11            |
| Attenuation, dB/100ft [dB/100m] | 57.9 [189.96] |

#### Mechanical Specifications

##### Temperature

|                        |             |
|------------------------|-------------|
| Operating Range, deg C | -55 to +200 |
|------------------------|-------------|

##### Inner Conductor

|                   |              |
|-------------------|--------------|
| Number of Strands | 19           |
| Material          | Copper       |
| Plating           | Silver       |
| Diameter, in [mm] | 0.039 [0.99] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket RG400/U](#)

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# Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket

## TECHNICAL DATA SHEET

**RG400/U**
**Dielectric:**

Type PTFE  
Diameter, in [mm] 0.116 [2.95]

**Shield:**

Number of 2  
Material 1 Silver Plated Copper Braid  
Material 2 Silver Plated Copper Braid  
Diameter, in [mm] 0.156 [3.96]

**Jacket:**

Material FEP  
Diameter, in [mm] 0.195 [4.95]  
Color Tan  
One Time Minimum Bend Radius, in [mm] 1 [25.4]  
Weight, lbs/ft [Kg/m] 0.046 [0.07]

**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

Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket 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.

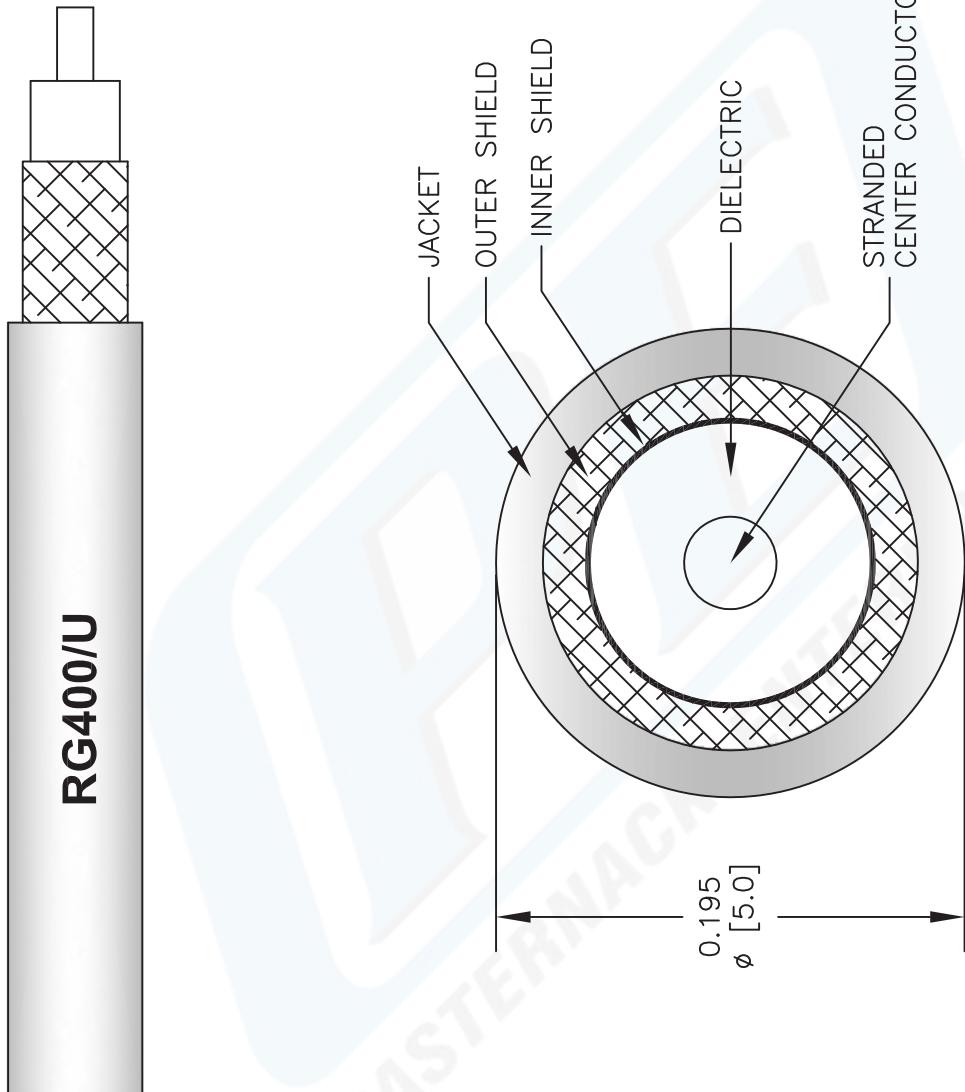
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket RG400/U](http://www.pasternack.com/flexible-0.195-rg400-stranded-center-conductor-50-ohm-coax-cable-fep-jacket-rg400-u-p.aspx)

URL: <http://www.pasternack.com/flexible-0.195-rg400-stranded-center-conductor-50-ohm-coax-cable-fep-jacket-rg400-u-p.aspx>

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# RG400/U CAD Drawing

Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket



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].

| PASTERNACK® | DWG TITLE | RG400/U |       |        |
|-------------|-----------|---------|-------|--------|
| FSCM NO.    | CAD FILE  | 02908-A | SCALE | SIZE A |
|             |           |         |       | 2233   |

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