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# D-Sub Plug Right Angle Contact Solder Attachment for RG55, RG142, RG223, RG400

RF Connectors
Technical Data Sheet

PE44036

## Configuration

- D-Subminiature Plug Connector
- 50 Ohms
- Right Angle Body Geometry
- RG55, RG142, RG223, RG400 Interface Type
- Solder/Solder Attachment

## Applications

- General Purpose Test
- Custom Cable Assemblies

### Description

Pasternack's PE44036 D-Sub plug right angle contact with solder attachment for RG55, RG142, RG223 and RG400 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 D-Sub plug right angle connector PE44036 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 0.006 lbs [2.72 g]

#### Material Specifications

| Description | Material | Plating |
|---|---|---|
| Body | Brass | Gold |

### 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: D-Sub Plug Right Angle Contact Solder Attachment for RG55, RG142, RG223, RG400 PE44036

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# D-Sub Plug Right Angle Contact Solder Attachment for RG55, RG142, RG223, RG400

## RF Connectors
## Technical Data Sheet

PE44036

D-Sub Plug Right Angle Contact Solder 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: D-Sub Plug Right Angle Contact Solder Attachment for RG55, RG142, RG223, RG400 PE44036

URL: https://www.pasternack.com/d-sub-plug-standard-rg55-rg142-rg223-rg400-connector-pe44036-p.aspx

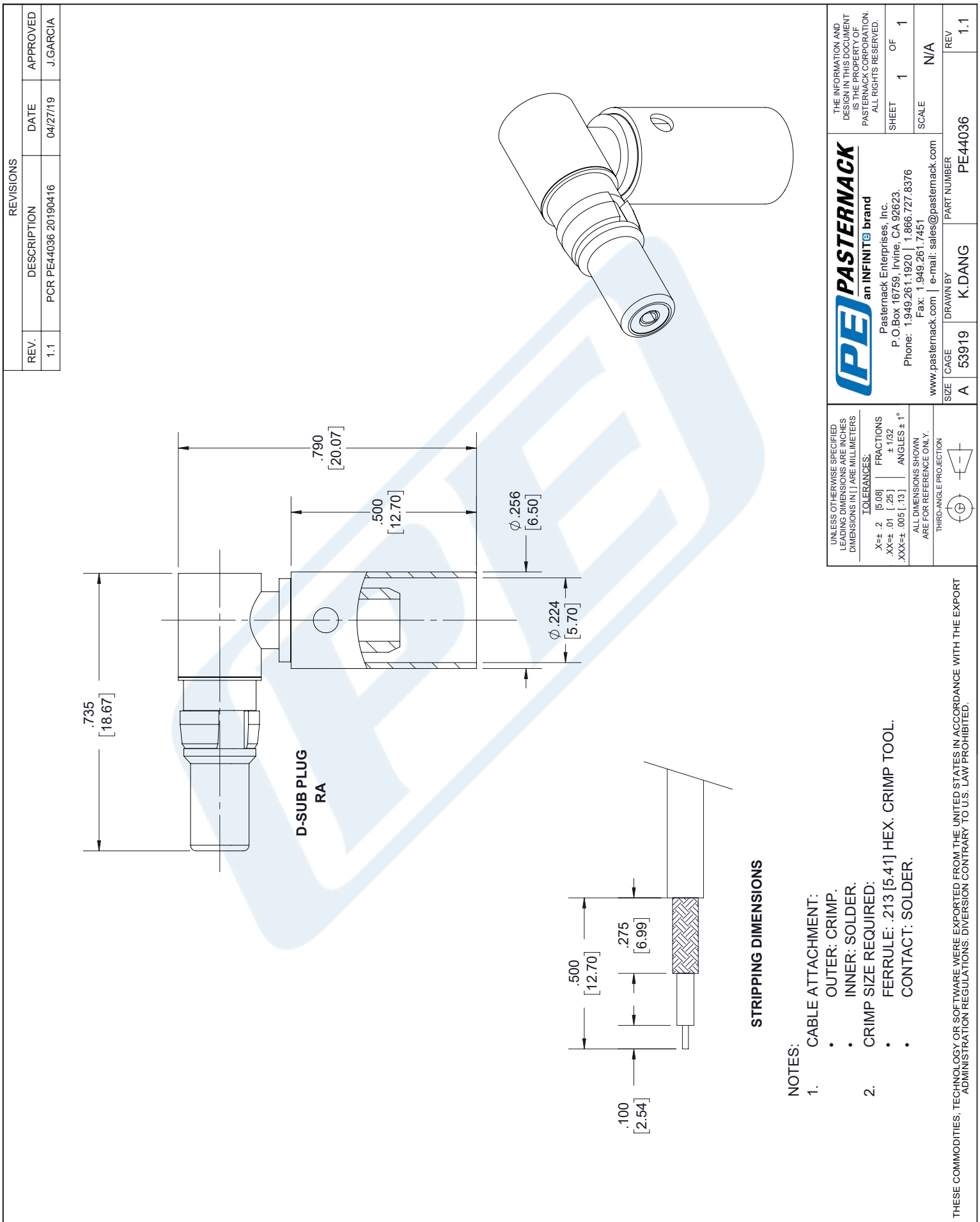
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# PE44036 CAD Drawing

D-Sub Plug Right Angle Contact Solder Attachment for RG55, RG142, RG223, RG400




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# BNC Female Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400

## RF Connectors
## Technical Data Sheet

**PE4397**

### Configuration

- BNC Female Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG55, RG141, RG142, RG223, RG400

### Features

- Max. Operating Frequency 4 GHz
- Good VSWR of 1.3:1
- Gold Plated Brass Contact

### Applications

- General Purpose Test
- Custom Cable Assemblies

### Description

Pasternack's PE4397 BNC female connector with crimp/solder attachment for RG55, RG141, RG142, RG223 and RG400 is part of our full line of RF components available for same-day shipping. Our BNC female connector operates up to a maximum frequency of 4 GHz and offers good VSWR of 1.3:1.

Our BNC female connector PE4397 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 | | 4 | GHz |
| VSWR | | | 1.3:1 | |
| Operating Voltage (AC) | | | 500 | Vrms |
| Inner Conductor DC Resistance | | | 1.5 | mOhms |
| Outer Conductor DC Resistance | | | 0.5 | mOhms |

### Mechanical Specifications

| | |
|---|---|
| **Size** | |
| Length | 1.24 in [31.5 mm] |
| Width/Dia. | 0.571 in [14.50 mm] |
| Height | 0.5 in [12.7 mm] |
| Weight | 0.027 lbs [12.25 g] |
| Mating Cycles | 500 Cycles |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: BNC Female Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 PE4397

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# BNC Female Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400

## RF Connectors
## Technical Data Sheet

**PE4397**

### Material Specifications

| Description | Material | Plating |
|---|---|---|
| Contact | Brass | Gold |
| Insulation | PTFE | |
| Body | 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:

BNC Female 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: BNC Female Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 PE4397

URL: https://www.pasternack.com/bnc-female-standard-rg55-rg141-rg142-rg223-rg400-connector-pe4397-p.aspx

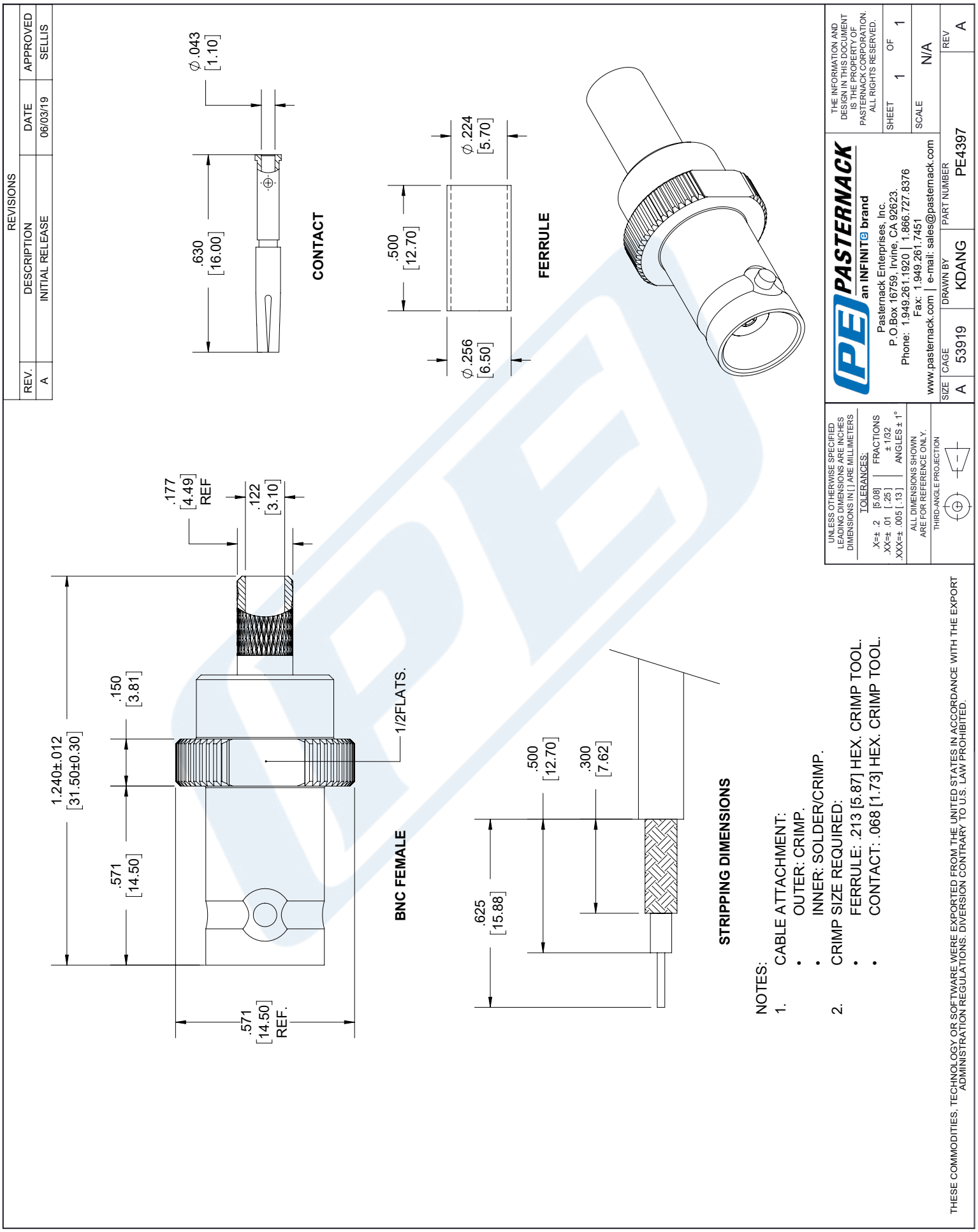
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# PE4397 CAD Drawing

BNC Female Connector Crimp/Solder Attachment for
RG55, RG141, RG142, RG223, RG400




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# 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 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

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

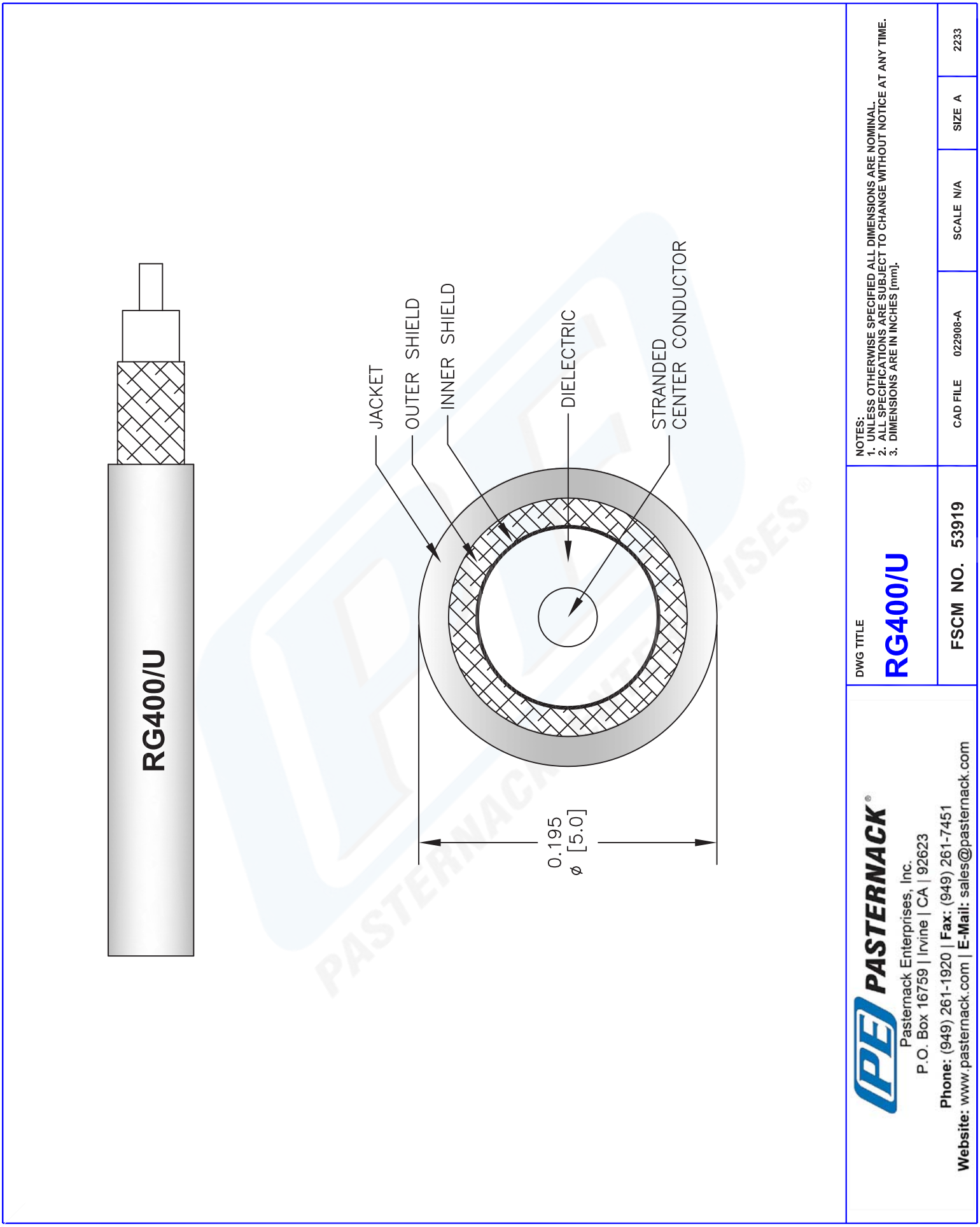
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# RG400/U CAD Drawing

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