# BMMA Male Bulkhead Mount Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable



## PE5137

### Configuration

- BMMA Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable
- Bulkhead

### Features

- Max. Operating Frequency 28 GHz
- Good VSWR of 1.35:1
- Gold Plated Beryllium Copper Contact

### Applications

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

### Description

Pasternack's PE5137 BMMA Connector is part of our full line of RF components available for same-day shipping. Our BMMA male connector operates up to a maximum frequency of 28 GHz and offers good VSWR of 1.35:1.

Our BMMA male connector PE5137 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 | | 28 | GHz |
| VSWR | | | 1.35:1 | |
| Insertion Loss | | | 0.529 | dB |
| Impedance | | 50 | | Ohms |

### Mechanical Specifications

**Size**

| | |
|---|---|
| Length | 0.6 in [15.24 mm] |
| Width | 0.3 in [7.62 mm] |
| Height | 0.3 in [7.62 mm] |
| Weight | 0.004 lbs [1.81 g] |
| Mating Cycles | 500 Cycles |

### Material Specifications

| Description | Material | Plating |
|---|---|---|
| Contact | Beryllium Copper | Gold |
| Insulation | PTFE | |
| Outer Conductor | Beryllium Copper | Gold |
| Body | Stainless Steel | Gold |


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# BMMA Male Bulkhead Mount Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable



## PE5137

### Environmental Specifications

**Temperature**

| | |
|---|---|
| Operating Range | -65 to +165 deg C |

### Compliance Certifications (see product page for current document)

### Plotted and Other Data

Notes:

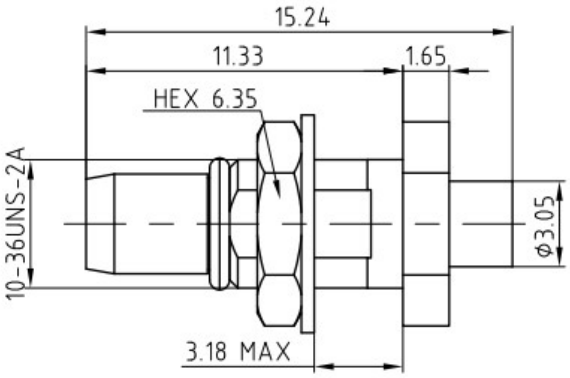

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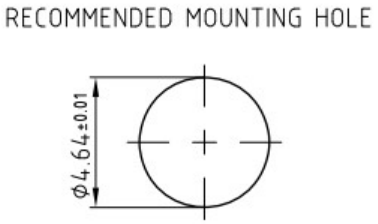
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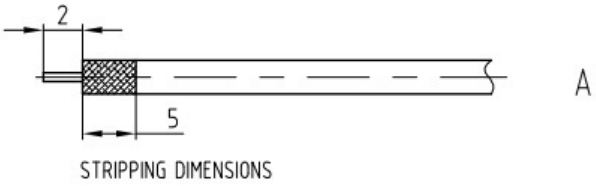


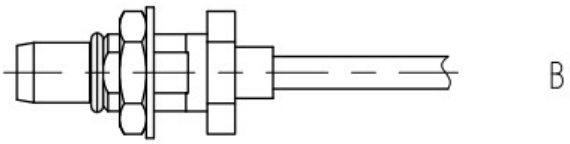
## PE5137

**Assembly Instruction**




### ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN IN (A). DO NOT NICK INNER CONDUCTOR.
2. PRE-TIN CABLE JACKET TO APPROXIMATE DIMENSION AS SHOWN IN (A).
3. INSERT CABLE THRU ADAPTER UNTIL IT BOTTOMS. SOLDER


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# BMMA Male Bulkhead Mount Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable



## PE5137

BMMA Male Bulkhead Mount Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable 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: BMMA Male Bulkhead Mount Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable PE5137

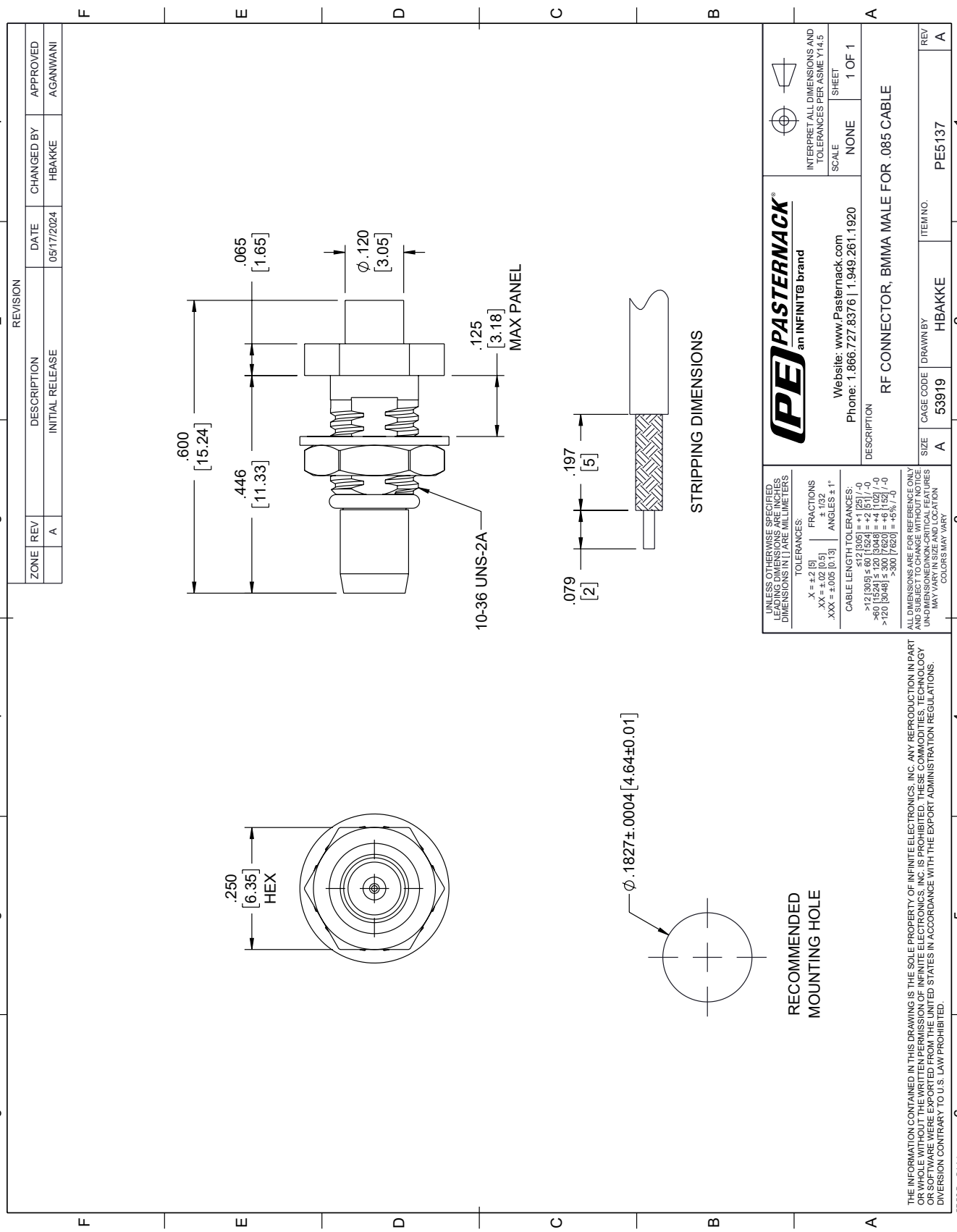
URL: https://www.pasternack.com/bmma-male-connector-pe5137-p.aspx

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# PE5137 CAD Drawing

BMMA Male Bulkhead Mount Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, RG405, RG405 Tinned, .085 Cable






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# SMA Male Connector Solder Attachment for PE-SR405AL, PE-SR405FL, RG405




## RF Connectors Technical Data Sheet PE4005

## Configuration

- SMA Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- PE-SR405AL, PE-SR405FL, RG405 Interface Type
- Solder/Solder Attachment
- 5/16 inch Hex

## Features

- Max. Operating Frequency 18 GHz
- Good VSWR of 1.5:1
- Gold Plated Brass Contact
- 50 µin minimum contact plating

## Applications

- General Purpose Test
- Custom Cable Assemblies

### Description

Pasternack's PE4005 SMA male connector with solder/solder attachment for PE-SR405AL, PE-SR405FL and RG405 is part of our full line of RF components available for same-day shipping. Our SMA male connector operates up to a maximum frequency of 18 GHz and offers good VSWR of 1.5:1.

Our SMA male connector PE4005 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 | | 18 | GHz |
| VSWR | | | 1.5:1 | |
| Operating Voltage (AC) | | | 335 | Vrms |

### Mechanical Specifications

**Size**

| | |
|---|---|
| Length | 0.406 in [10.31 mm] |
| Width/Dia. | 0.315 in [8.00 mm] |
| Weight | 0.011 lbs [4.99 g] |
| Mating Cycles | 500 Cycles |
| Mating Torque | 3 to 5 in-lbs [0.34 to 0.57 Nm] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male Connector Solder Attachment for PE-SR405AL, PE-SR405FL, RG405 PE4005

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# SMA Male Connector Solder Attachment for PE-SR405AL, PE-SR405FL, RG405



## RF Connectors Technical Data Sheet PE4005

### Material Specifications

| Description | Material | Plating |
|---|---|---|
| Contact | Brass | Gold<br>50 µin minimum |
| Insulation | PTFE | |
| Body | Stainless Steel | Gold<br>10 µin minimum |
| Coupling Nut | Brass | Nickel<br>100 µin minimum |

### Environmental Specifications

**Temperature**

Operating Range -65 to +165 deg C

### Compliance Certifications (see product page for current document)

### Plotted and Other Data

Notes:

SMA Male Connector Solder Attachment for PE-SR405AL, PE-SR405FL, RG405 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: SMA Male Connector Solder Attachment for PE-SR405AL, PE-SR405FL, RG405 PE4005

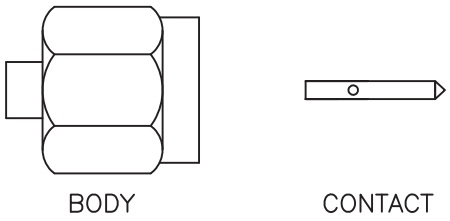
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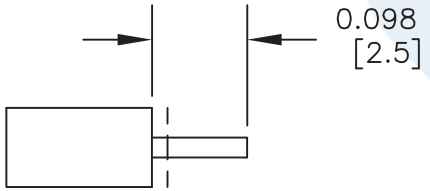
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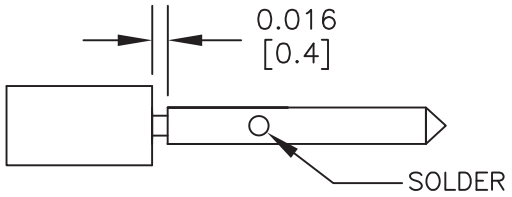



## ASSEMBLY PROCEDURES

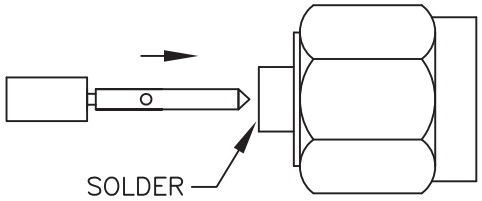
1. STRIP CABLE AS SHOWN. DO NOT NICK CENTER CONDUCTOR.

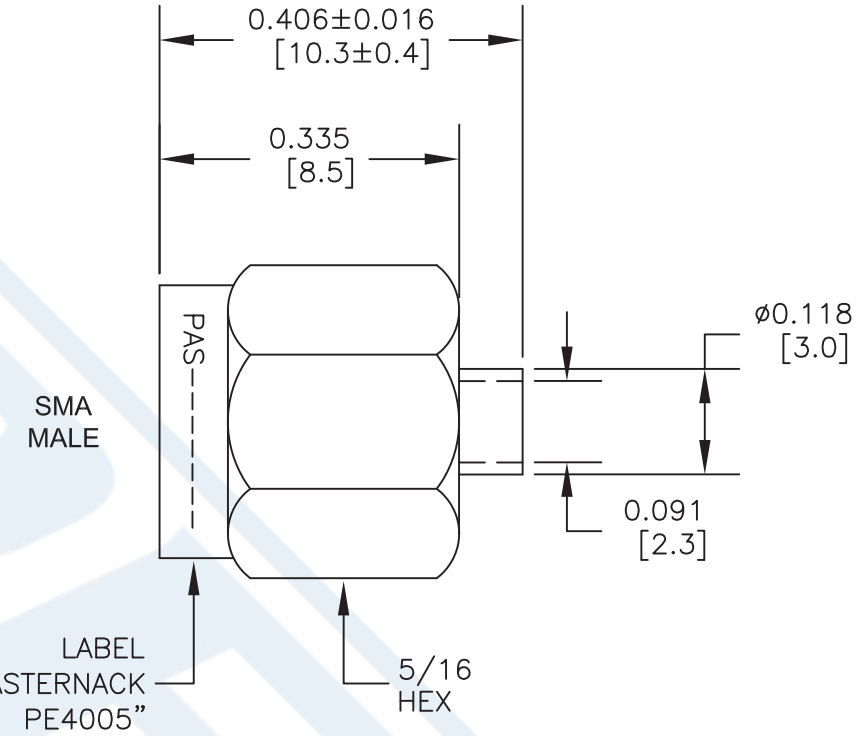



2. PLACE CONTACT OVER CENTER CONDUCTOR AS SHOWN. SOLDER CONTACT TO CENTER CONDUCTOR AS SHOWN.




3. INSERT CABLE AND CONTACT INTO CONNECTOR BODY UNTIL FULLY ENGAGED. SOLDER BODY TO CABLE.




| STANDARD TOLERANCES | |
|---|---|
| .X | ±0.2 |
| .XX | ±0.1 |
| .XXX | ±0.05 |

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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DWG TITLE

**PE4005**

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].

| FSCM NO. 53919 | CAD FILE 071316 | SCALE N/A | SIZE A | 2233 |
|---|---|---|---|---|

**PE4005 CAD Drawing**
SMA Male Connector Solder Attachment for PE-SR405AL, PE-SR405FL, RG405

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# 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**

**Frequency 1**

| | |
|---|---|
| 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

**Temperature**

| | |
|---|---|
| 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.

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# 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 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

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

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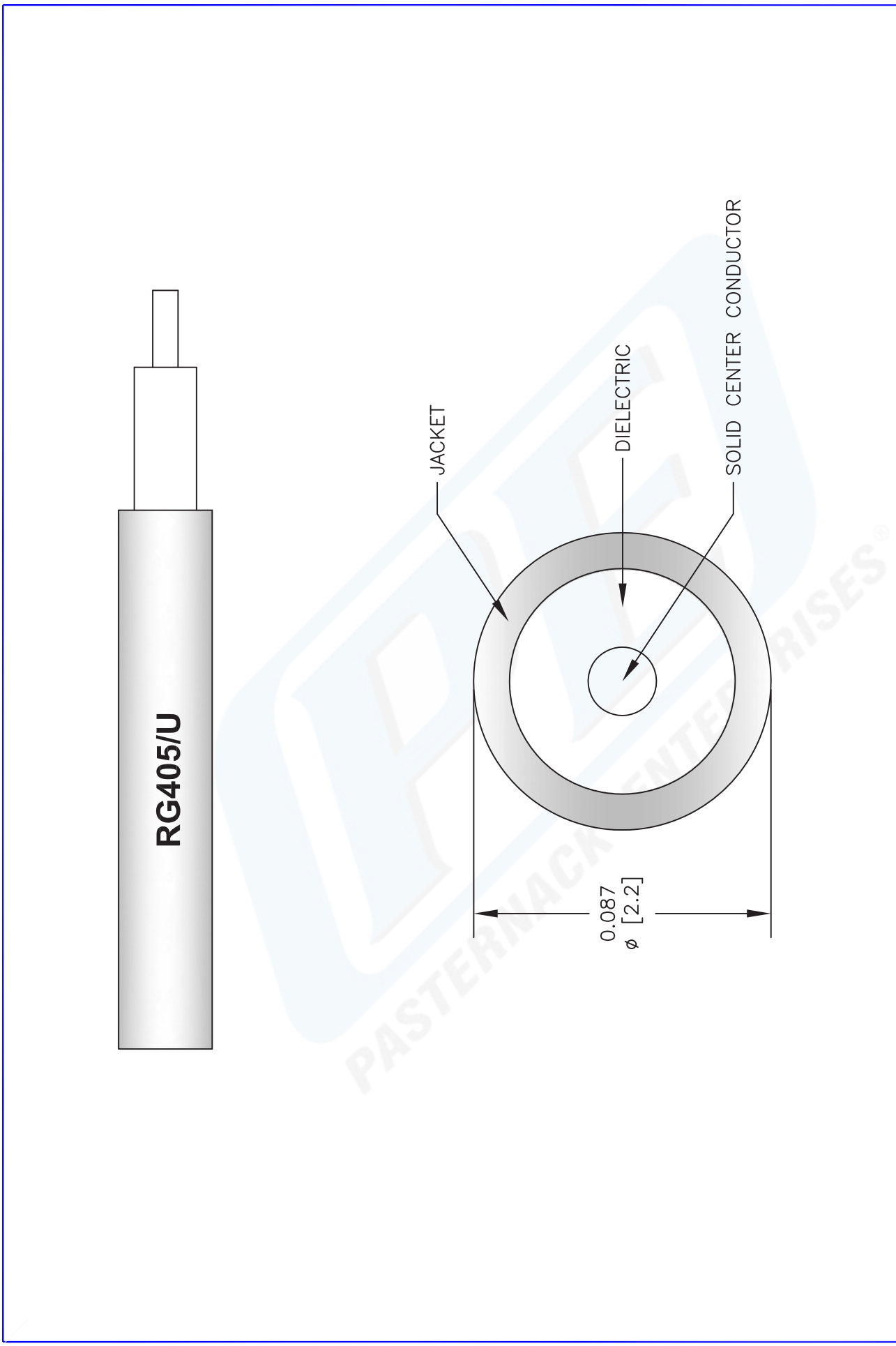
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# RG405/U CAD Drawing

086 Semi-rigid Coax Cable with Copper Outer Conductor




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| | | | |
|---|---|---|---|
| DWG TITLE RG405/U | CAD FILE 022908 | SCALE N/A | SIZE A |
| FSCM NO. 53919 | | | 2233 |

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