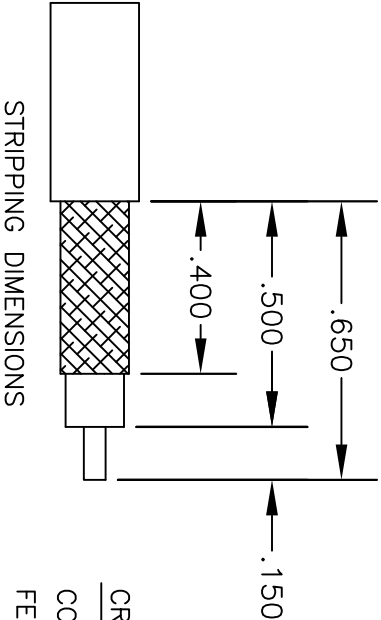
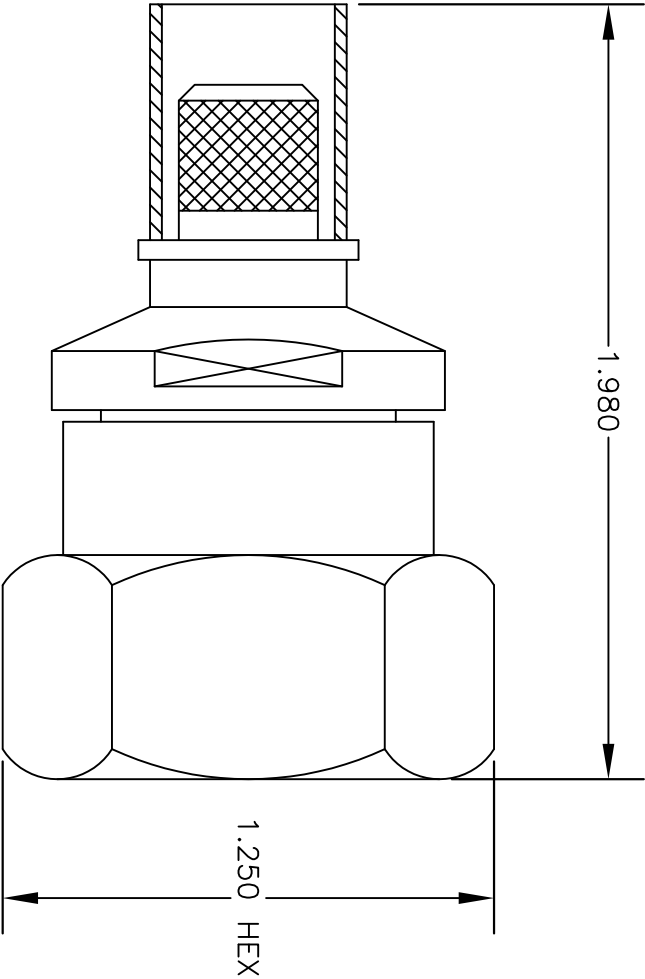


| MATERIALS |                     |
|-----------|---------------------|
| BODY      | BRASS NICKEL PLATED |
| CONTACT   | SILVER PLATED       |
| INSULATOR | PTFE                |



STRIPPING DIMENSIONS

CRIMP SIZES REQUIRED  
 CONTACT: .100" HEX CRIMP TOOL  
 FERRULE: .429" HEX CRIMP TOOL



PASTERNAK ENTERPRISES, INC.  
 P.O. BOX 16759, IRVINE, CA 92623  
 PHONE (949) 261-1920 FAX (949) 261-7451  
 WEB ADDRESS: [www.pasternack.com](http://www.pasternack.com)  
 E-MAIL ADDRESS: [sales@pasternack.com](mailto:sales@pasternack.com)  
 COAXIAL & FIBER OPTICS

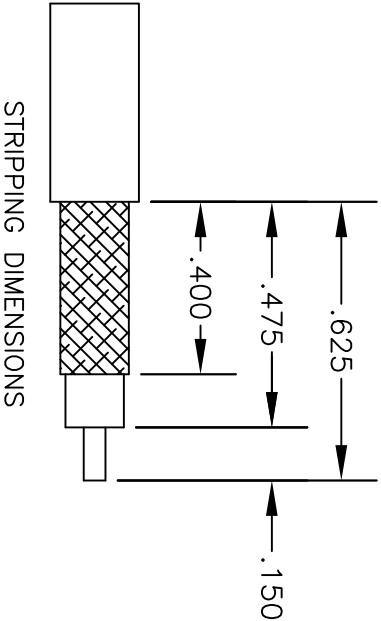
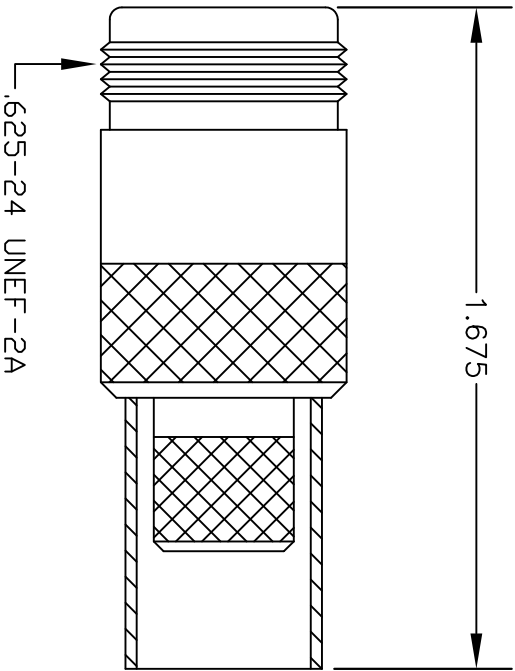
DWG TITLE  
**PE4570**

DES. 7/16" MALE, CRIMP ATTACHMENT FOR RG8 & RG213

|        |                |          |        |       |     |     |
|--------|----------------|----------|--------|-------|-----|-----|
| SIZE A | FSCM NO. 53919 | CAD FILE | 052302 | SCALE | N/A | 127 |
|--------|----------------|----------|--------|-------|-----|-----|

NOTES:  
 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.

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



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED  
CONTACT: SOLDER  
FERRULE: .429" HEX CRIMP TOOL



**PASTERNAK ENTERPRISES®**  
ESTABLISHED 1972

**PASTERNAK ENTERPRISES, INC.**  
P.O. BOX 16759, IRVINE, CA 92623  
PHONE (949) 261-1920 FAX (949) 261-7451  
WEB ADDRESS: [www.pasternack.com](http://www.pasternack.com)  
E-MAIL ADDRESS: [sales@pasternack.com](mailto:sales@pasternack.com)  
**COAXIAL & FIBER OPTICS**

|               |  |  |  |
|---------------|--|--|--|
| DWG TITLE     |  | DES.                                       |  |
| <b>PE4435</b> |  | N FEMALE, CRIMP ATTACHMENT FOR RG8 & RG213 |  |

|        |                |          |        |       |     |  |     |
|--------|----------------|----------|--------|-------|-----|--|-----|
| SIZE A | FSCM NO. 53919 | CAD FILE | 051402 | SCALE | N/A |  | 127 |
|--------|----------------|----------|--------|-------|-----|--|-----|

NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.



## Flexible RG8 Coax Cable Single Shielded with Black PVC (NC) Jacket

### TECHNICAL DATA SHEET

RG8A/U

Flexible RG8 Coax Cable Single Shielded with Black PVC (NC) Jacket

#### Configuration

|                                      |                 |
|--------------------------------------|-----------------|
| Inner Conductor Material and Plating | Copper          |
| Dielectric Type                      | PE (LD)         |
| Shield Materials                     | Copper Braid    |
| Jacket Material and Color            | PVC (NC), Black |

#### Electrical Specifications

|                                  |               |
|----------------------------------|---------------|
| Impedance, Ohms                  | 50            |
| Velocity of Propagation, %       | 66            |
| Maximum Operating Frequency, MHz | 1000          |
| Capacitance, pF/ft [pF/m]        | 30.8 [101.05] |

#### Electrical Specifications by Frequency

##### Frequency 1

|                                 |            |
|---------------------------------|------------|
| Frequency, MHz                  | 1          |
| Attenuation, dB/100ft [dB/100m] | 0.2 [0.66] |

##### Frequency 2

|                                 |            |
|---------------------------------|------------|
| Frequency, MHz                  | 10         |
| Attenuation, dB/100ft [dB/100m] | 0.6 [1.97] |

##### Frequency 3

|                                 |            |
|---------------------------------|------------|
| Frequency, MHz                  | 50         |
| Attenuation, dB/100ft [dB/100m] | 1.3 [4.27] |

##### Frequency 4

|                                 |             |
|---------------------------------|-------------|
| Frequency, MHz                  | 400         |
| Attenuation, dB/100ft [dB/100m] | 4.1 [13.45] |

##### Frequency 5

|                                 |             |
|---------------------------------|-------------|
| Frequency, MHz                  | 700         |
| Attenuation, dB/100ft [dB/100m] | 6.5 [21.33] |

##### Frequency 6

|                                 |             |
|---------------------------------|-------------|
| Frequency, MHz                  | 900         |
| Attenuation, dB/100ft [dB/100m] | 7.6 [24.93] |

##### Frequency 7

|                                 |           |
|---------------------------------|-----------|
| Frequency, MHz                  | 1000      |
| Attenuation, dB/100ft [dB/100m] | 8 [26.25] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG8 Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG8A/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.



Flexible RG8 Coax Cable Single Shielded  
with Black PVC (NC) Jacket

TECHNICAL DATA SHEET

RG8A/U

**Mechanical Specifications**

**Inner Conductor**

|                   |              |
|-------------------|--------------|
| Number of Strands | 7            |
| Material          | Copper       |
| Diameter, in [mm] | 0.085 [2.16] |

**Dielectric:**

|                   |              |
|-------------------|--------------|
| Type              | PE (LD)      |
| Diameter, in [mm] | 0.285 [7.24] |

**Shield:**

|            |              |
|------------|--------------|
| Number of  | 1            |
| Material 1 | Copper Braid |

**Jacket:**

|                       |               |
|-----------------------|---------------|
| Material              | PVC (NC)      |
| Diameter, in [mm]     | 0.405 [10.29] |
| Color                 | Black         |
| Weight, lbs/ft [Kg/m] | 0.12 [0.18]   |

**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 RG8 Coax Cable Single Shielded with Black PVC (NC) 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.

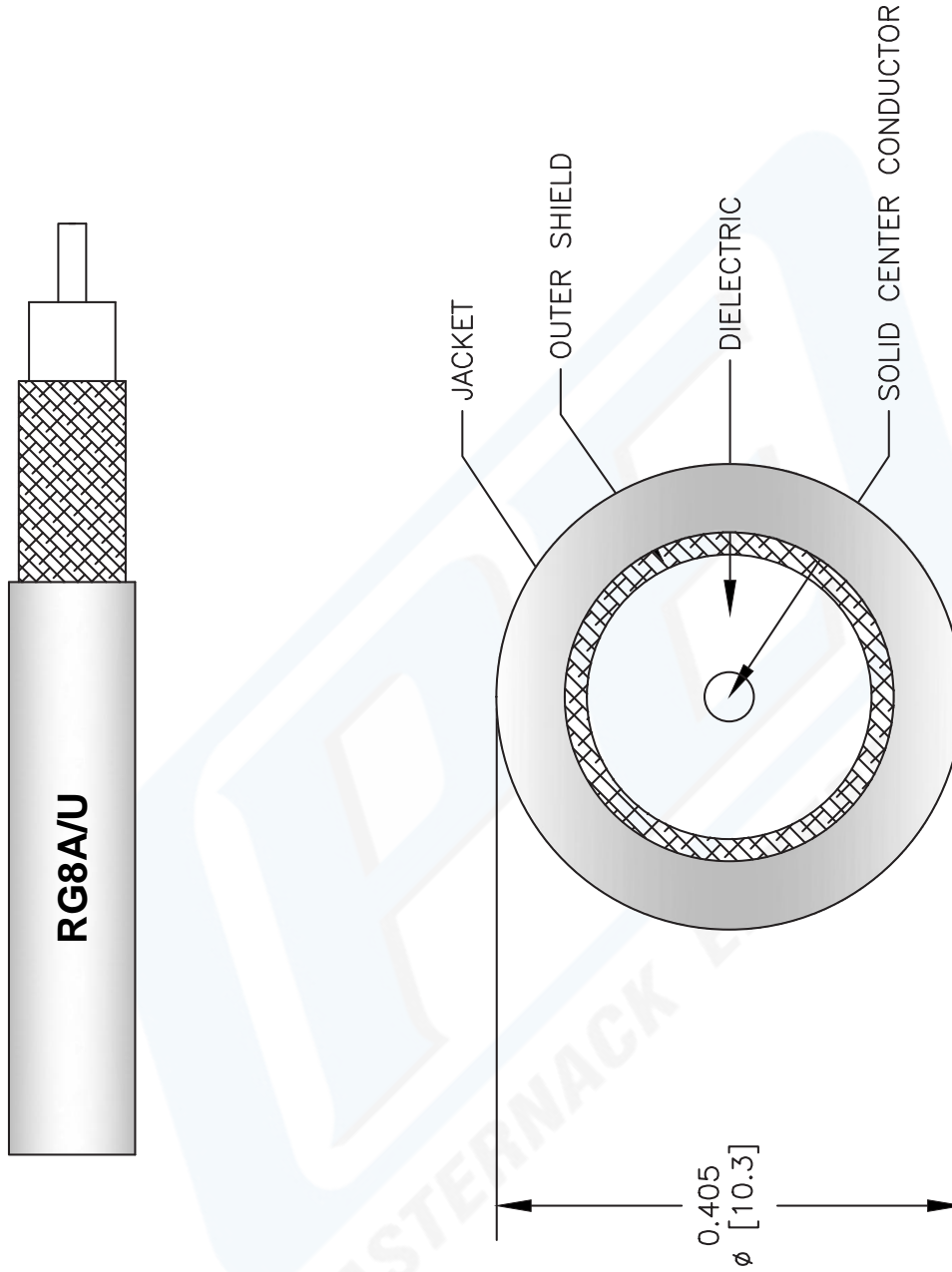
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG8 Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG8A/U](#)

URL: <http://www.pasternack.com/flexible-0.405-rg8-52-ohm-coax-cable-pvc-jacket-rg8a-u-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.

# RG8A/U CAD Drawing

Flexible RG8 Coax Cable Single Shielded with Black PVC (NC) 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].

DWG TITLE

**RG8A/U**

REV. C

FSCM NO. 53919

CAD FILE

022513-C

SCALE N/A

SIZE A

XXXX

**PE PASTERNAK®**

Pasternack Enterprises, Inc.  
 P.O. Box 16759 | Irvine | CA | 92623  
**Phone:** (949) 261-1920 | **Fax:** (949) 261-7451  
**Website:** [www.pasternack.com](http://www.pasternack.com) | **E-Mail:** [sales@pasternack.com](mailto:sales@pasternack.com)