



## 1.0/2.3 Jack Right Angle Bulkhead Connector Crimp/ Solder Attachment For RG58, .236 inch DD Hole

### TECHNICAL DATA SHEET

PE44260

#### 1.0/2.3 Jack Right Angle Bulkhead Connector Crimp/Solder Attachment For RG58, .236 inch DD Hole

##### Configuration

|  |              |
|--|--------------|
| Connector                                | 1.0/2.3 Jack |
| Connector Interface Type                 | RG58         |
| Cable Attachment Method (Shield/Contact) | Crimp/Solder |
| Body Style                               | Right Angle  |
| Mount Method                             | Bulkhead     |

##### Electrical Specifications

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

##### Mechanical Specifications

###### Size

|                     |               |
|---------------------|---------------|
| Length, in [mm]     | 1.003 [25.48] |
| Width/Dia., in [mm] | 0.315 [8.00]  |
| Height, in [mm]     | 0.591 [15.01] |
| Weight, lbs [g]     | 0.013 [5.9]   |

###### Connector

|                               |                        |
|-------------------------------|------------------------|
| Type                          | 1.0/2.3 Jack           |
| Contact Material and Plating  | Beryllium Copper, Gold |
| Contact Plating Specification | 30µ in. minimum        |
| Body Material and Plating     | Brass, Gold            |
| Dielectric Type               | Teflon                 |

##### 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 |
|--------|----------------------------|

1.0/2.3 Jack Right Angle Bulkhead Connector Crimp/Solder Attachment For RG58, .236 inch DD Hole 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.

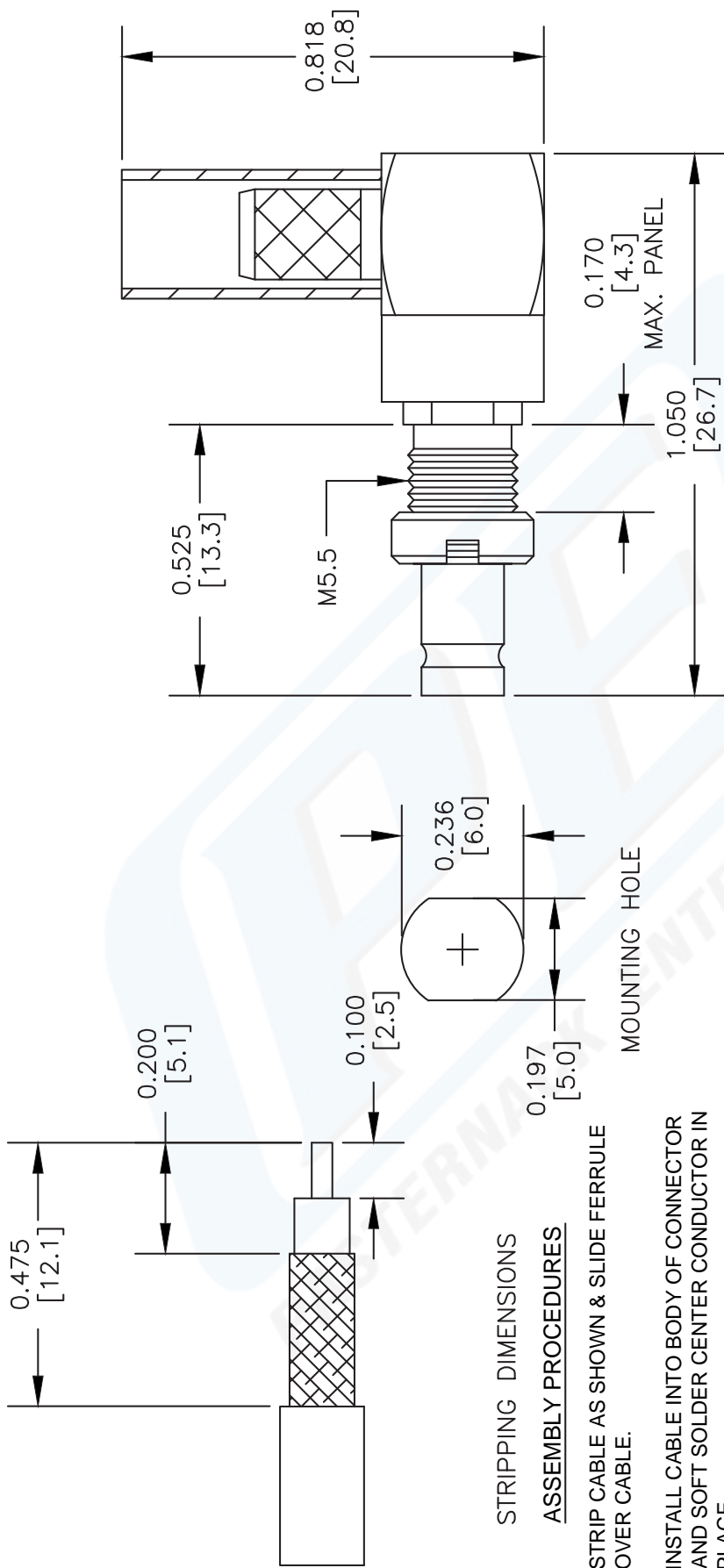
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [1.0/2.3 Jack Right Angle Bulkhead Connector Crimp/Solder Attachment For RG58, .236 inch DD Hole PE44260](http://www.pasternack.com/1.0-2.3-jack-standard-rg58-connector-pe44260-p.aspx)

URL: <http://www.pasternack.com/1.0-2.3-jack-standard-rg58-connector-pe44260-p.aspx>

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# PE44260 CAD Drawing

1.0/2.3 Jack Right Angle Bulkhead Connector Crimp/  
Solder Attachment For RG58, .236 inch DD Hole



## STRIPPING DIMENSIONS

## ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & SLIDE FERRULE OVER CABLE.
2. INSTALL CABLE INTO BODY OF CONNECTOR AND SOFT SOLDER CENTER CONDUCTOR IN PLACE.
3. CRIMP FERRULE & SCREW CAP DOWN.

## CRIMP SIZE REQUIRED

FERRULE: .213" HEX CRIMP TOOL



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)

DWG TITLE

**PE44260**

FSCM NO. 53919

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].  
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

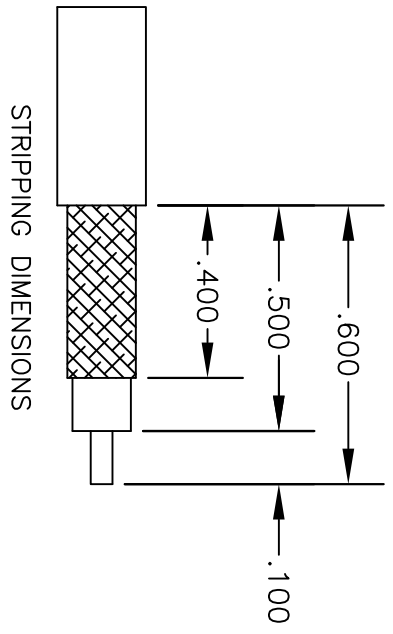
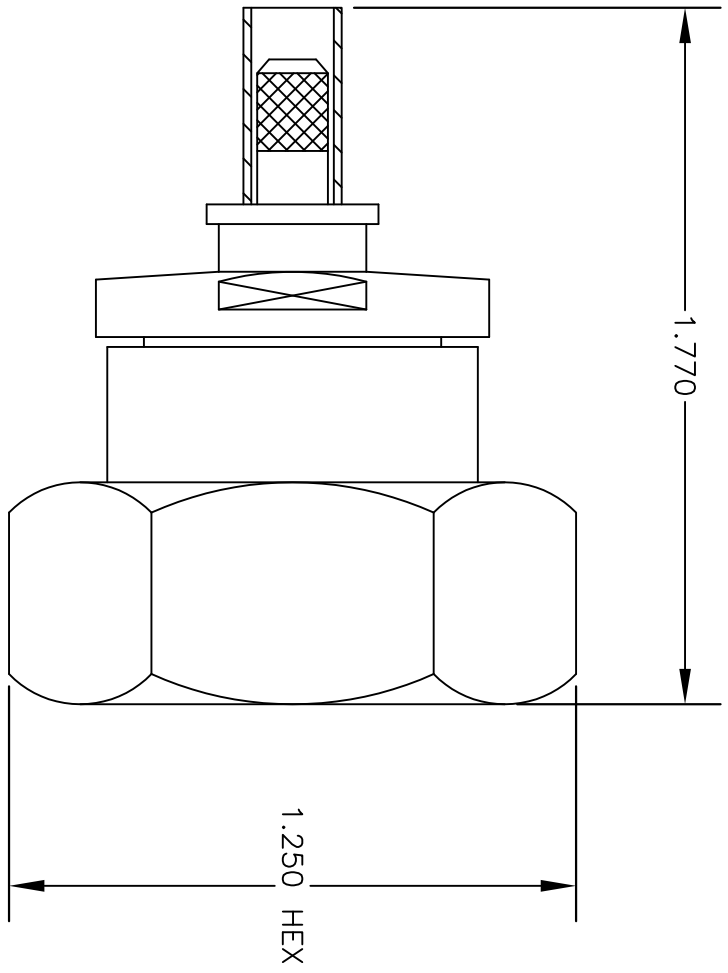
CAD FILE 100103

SCALE N/A

SIZE A

127

|                  |                     |
|------------------|---------------------|
| <b>MATERIALS</b> |                     |
| BODY             | BRASS NICKEL PLATED |
| CONTACT          | SILVER PLATED       |
| INSULATOR        | PTFE                |



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER

FERRULE: .213" HEX CRIMP TOOL

DWG TITLE  
**PE4569**

**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**

DES. 7/16" MALE CRIMP ATTACHMENT FOR RG58

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

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## Low Loss Flexible RG58 Type Coax Cable Double Shielded with Black PE Jacket

### RF Cables Technical Data Sheet

PE-C195

#### Configuration

- Low Loss Flexible Cable
- 2 Shield(s)

#### Features

- Low Loss
- Double Shielded
- PE Jacket
- Velocity of Propagation 80%
- Shielding Effectiveness > 90 dB

#### Applications

- Antenna Feeds
- Communication Systems
- Wireless Systems
- Indoor / Outdoor Uses
- Direct Burial
- Jumper Cable Assemblies

#### Description

Flexible coaxial cable are ideal for applications where tight bends and continual flexure are required. Pasternack's PE-C195 is a low loss flexible RG58 type coax cable with PE jacket. The double shielding of this low loss cable provides better electrical performance than the standard RG-58 cable including excellent shielding effectiveness of better than 90 dB. This Pasternack cable's PE jacket makes it suitable for indoor/outdoor uses and direct burial applications. PE-C195 RG58 type datasheet specifications and outline drawing for this flexible cable are shown in the PDF below.

Pasternack carries a wide range of cables ready to ship same day to fit your needs. They are available in corrugated, flexible, formable or semi-rigid versions with different constructions of conductor materials, dielectric materials, shielding configurations and jacket materials. Our cables are designed to fit a wide range of performance criteria including attenuation, operating temperature, environmental factor, and power capability.

#### Electrical Specifications

| Description             | Minimum | Typical      | Maximum | Units        |
|-------------------------|---------|--------------|---------|--------------|
| Frequency Range         | DC      |              | 5.8     | GHz          |
| Cutoff Frequency        |         | 41           |         | GHz          |
| Impedance               |         | 50           |         | Ohms         |
| Velocity of Propagation |         | 80           |         | %            |
| Shielding Effectiveness | 90      |              |         | dB           |
| Jacket Spark            |         |              | 5,000   | Vrms         |
| Nominal Capacitance     |         | 25.4 [83.33] |         | pF/ft [pF/m] |
| Input Power (Peak)      |         |              | 2.5     | KWatts       |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Low Loss Flexible RG58 Type Coax Cable Double Shielded with Black PE Jacket PE-C195](#)



## Low Loss Flexible RG58 Type Coax Cable Double Shielded with Black PE Jacket

### RF Cables Technical Data Sheet

PE-C195

#### Performance by Frequency Band

| Description           | F1    | F2    | F3    | F4    | F5    | Units    |
|-----------------------|-------|-------|-------|-------|-------|----------|
| Frequency             | 0.15  | 0.22  | 0.45  | 0.9   | 1.5   | GHz      |
| Attenuation, Max      | 4.4   | 5.4   | 7.8   | 11.1  | 14.5  | dB/100ft |
|                       | 14.44 | 17.72 | 25.59 | 36.42 | 47.57 | dB/100m  |
| Attenuation, Typ      | 4.3   | 5.2   | 7.5   | 10.7  | 13.4  | dB/100ft |
|                       | 14.11 | 17.06 | 24.61 | 35.1  | 43.96 | dB/100m  |
| Input Power (CW), Max | 350   | 290   | 200   | 140   | 110   | Watts    |

| Description           | F6    | F7    | F8    | F9    | F10 | Units    |
|-----------------------|-------|-------|-------|-------|-----|----------|
| Frequency             | 1.8   | 2     | 2.5   | 5.8   |     | GHz      |
| Attenuation, Max      | 16    | 16.9  | 19    | 29.9  |     | dB/100ft |
|                       | 52.49 | 55.45 | 62.34 | 98.1  |     | dB/100m  |
| Attenuation, Typ      | 15.3  | 16.1  | 18.1  | 28.2  |     | dB/100ft |
|                       | 50.2  | 52.82 | 59.38 | 92.52 |     | dB/100m  |
| Input Power (CW), Max | 100   | 90    | 80    | 50    |     | Watts    |

#### Mechanical Specifications

|                                 |                          |
|---------------------------------|--------------------------|
| Diameter                        | 0.195 in [4.95 mm]       |
| Weight                          | 0.021 lbs/ft [0.03 Kg/m] |
| Min. Bend Radius (Installation) | 0.5 in [12.7 mm]         |
| Min. Bend Radius (Repeated)     | 2 in [50.8 mm]           |

#### Construction Specifications

| Description     | Material and Plating | Diameter           |
|-----------------|----------------------|--------------------|
| Inner Conductor | Copper, 1 Strands    | 0.037 in [0.94 mm] |
| Conductor Type  | Solid                |                    |
| Dielectric      | PE (F)               | 0.11 in [2.79 mm]  |
| First Shield    | Aluminum Tape        |                    |

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## Low Loss Flexible RG58 Type Coax Cable Double Shielded with Black PE Jacket

### RF Cables Technical Data Sheet

PE-C195

|               |                     |                    |
|---------------|---------------------|--------------------|
| Second Shield | Tinned Copper Braid | 0.139 in [3.53 mm] |
| Jacket        | PE, Black           | 0.195 in [4.95 mm] |

#### Environmental Specifications

##### Temperature

|                    |                  |
|--------------------|------------------|
| Operating Range    | -40 to +85 deg C |
| Installation Range | -70 to +85 deg C |
| Storage Range      | -40 to +85 deg C |

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

#### Plotted and Other Data

Notes:

Low Loss Flexible RG58 Type Coax Cable Double Shielded with Black PE Jacket 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.

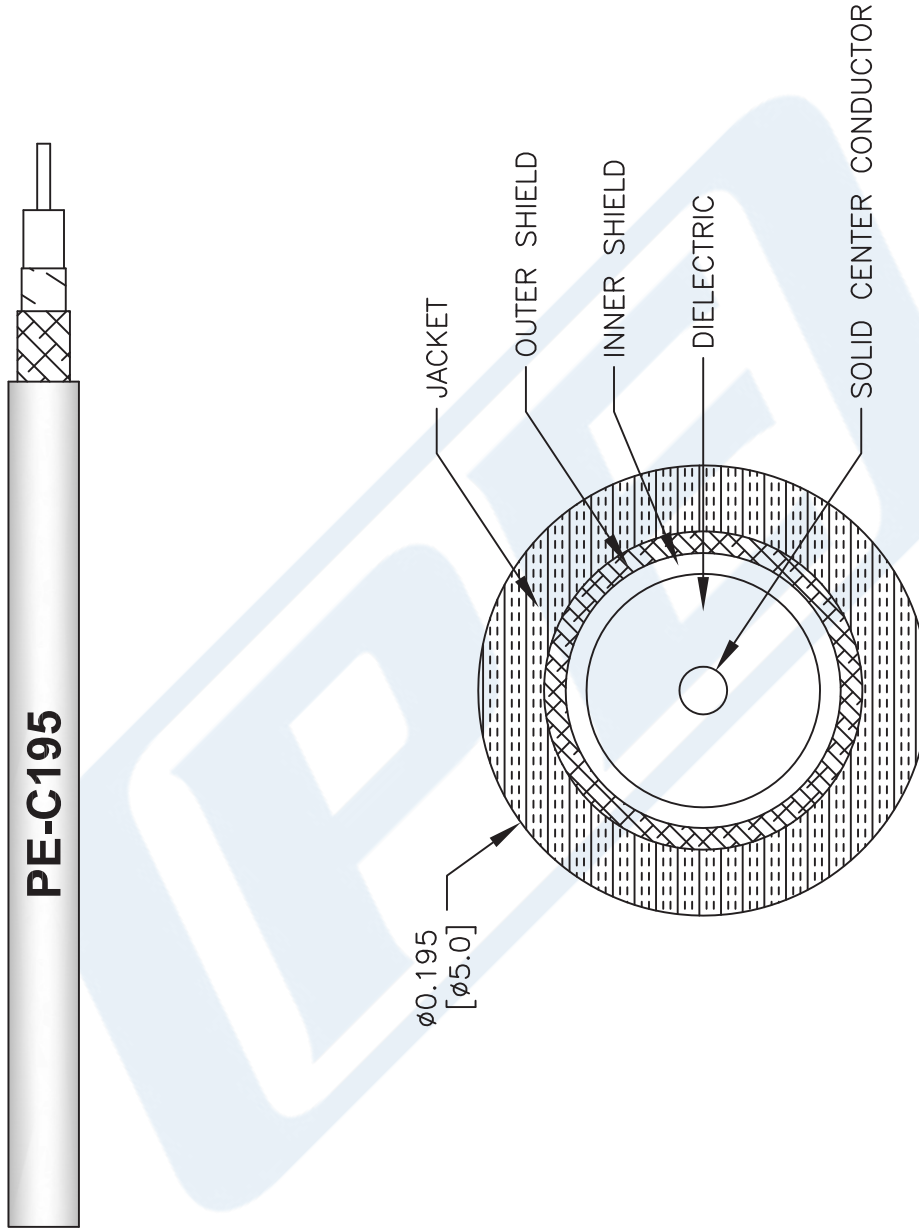
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URL: <https://www.pasternack.com/flexible-0.195-50-ohm-coax-cable-pe-jacket-pe-c195-p.aspx>

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# PE-C195 CAD Drawing

Low Loss Flexible RG58 Type Coax Cable Double Shielded with Black PE Jacket



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DWG TITLE  
**PE-C195**

41742

SIZE A

SCALE N/A

CAD FILE 111716

FSCM NO. 53919

**PE PASTERNAK**  
THE ENGINEER'S RF SOURCE  
Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: www.pasternack.com | E-Mail: sales@pasternack.com