



## N Female Bulkhead Mount Connector Crimp/Crimp Attachment for RG55, RG142, RG223, RG400, .640 inch DD Hole

### RF Connectors Technical Data Sheet

PE4371

#### Configuration

- N Female Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry

- Connector Interface Types: RG55, RG142, RG223, RG400
- Bulkhead

#### Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.3:1

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

#### Applications

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

#### Description

Pasternack's PE4371 type N female bulkhead connector with crimp/crimp attachment for RG55, RG142, RG223 and RG400 (.640 inch DD hole) is part of our full line of RF components available for same-day shipping. Our type N female connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.3:1. This type N bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our type N female bulkhead connector PE4371 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                   |         |         | 1.3:1   |       |
| Operating Voltage (AC) |         |         | 1,000   | Vrms  |

#### Mechanical Specifications

##### Size

Length  
Width/Dia.

1.69 in [42.93 mm]  
0.827 in [21.01 mm]

Weight

0.087 lbs [39.46 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Bulkhead Mount Connector Crimp/Crimp Attachment for RG55, RG142, RG223, RG400, .640 inch DD Hole PE4371](#)



## N Female Bulkhead Mount Connector Crimp/Crimp Attachment for RG55, RG142, RG223, RG400, .640 inch DD Hole

### RF Connectors Technical Data Sheet

**PE4371**

#### Material Specifications

| Description     | Material | Plating                        |
|-----------------|----------|--------------------------------|
| Contact         | Brass    | Gold<br>30 $\mu$ in minimum    |
| Insulation      | PTFE     |                                |
| Outer Conductor | Brass    | Nickel<br>100 $\mu$ in minimum |
| Body            | Brass    | Nickel<br>100 $\mu$ in minimum |
| Washer          | 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:

N Female Bulkhead Mount Connector Crimp/Crimp Attachment for RG55, RG142, RG223, RG400, .640 inch DD Hole 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.

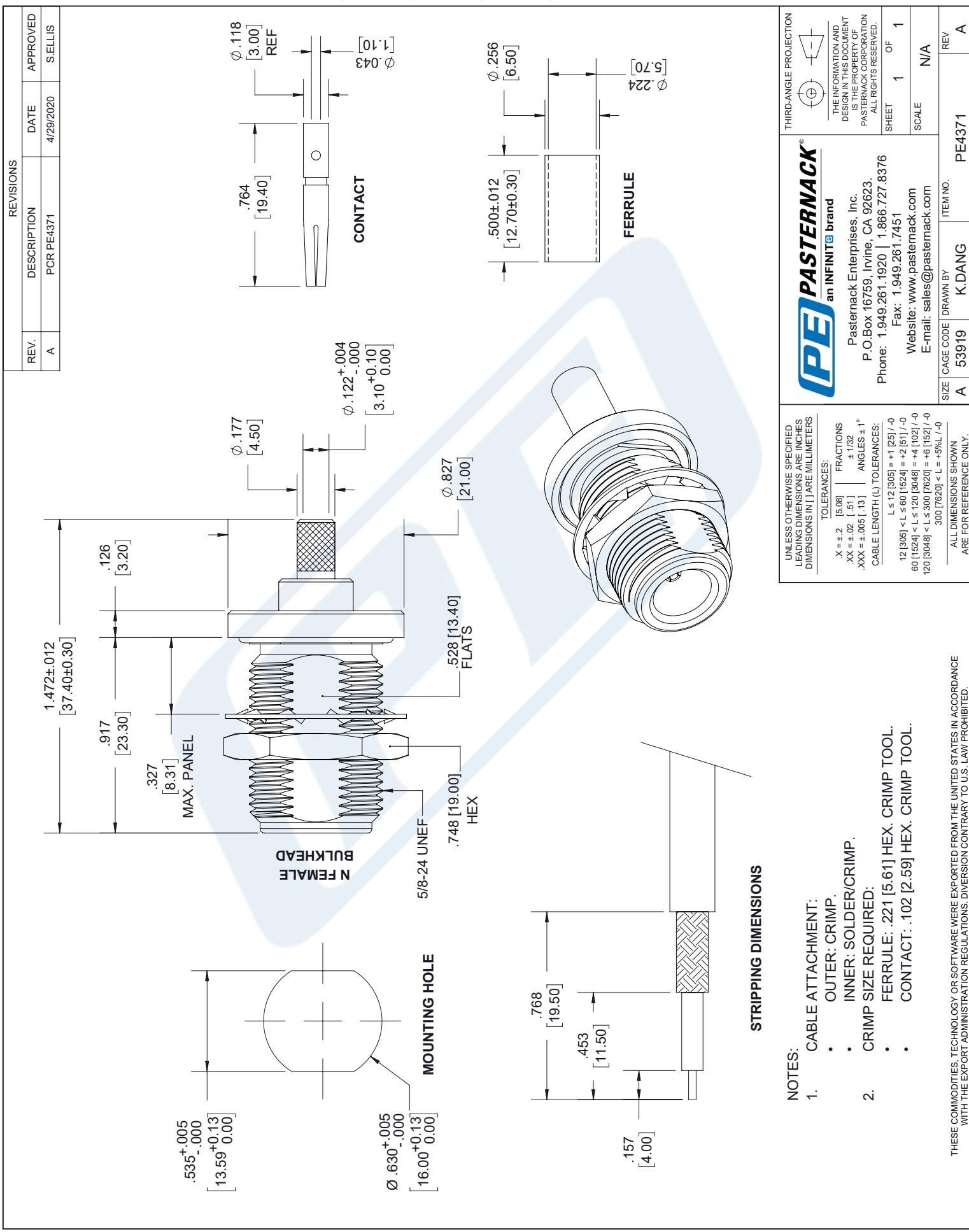
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Bulkhead Mount Connector Crimp/Crimp Attachment for RG55, RG142, RG223, RG400, .640 inch DD Hole PE4371](#)

URL: <https://www.pasternack.com/n-female-rg55-rg142-rg223-rg400-connector-pe4371-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.

# PE4371 CAD Drawing

N Female Bulkhead Mount Connector Crimp/Crimp Attachment  
for RG55, RG142, RG223, RG400, .640 inch DD Hole





## N Male Right Angle Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400

### RF Connectors Technical Data Sheet

PE4484

#### Configuration

- N Male Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry
- RG55, RG141, RG142, RG223, RG400 Interface Type
- Crimp/Solder Attachment

#### Features

- Max. Operating Frequency 1,000 MHz
- 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 PE4484 type N male right angle 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 type N male connector operates up to a maximum frequency of 1,000 MHz and offers good VSWR of 1.5:1. Its right angle body geometry allows for easier connections in tight spaces.

Our type N male right angle connector PE4484 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      |         | 1,000   | MHz   |
| VSWR                                 |         |         | 1.5:1   |       |
| Operating Voltage (AC)               |         |         | 1,500   | Vrms  |
| Dielectric Withstanding Voltage (AC) |         |         | 2,500   | Vrms  |
| Inner Conductor DC Resistance        |         |         | 1       | mOhms |
| Outer Conductor DC Resistance        |         |         | 1       | mOhms |
| Insulation Resistance                | 5,000   |         |         | MOhms |
| RF Leakage                           | 90      |         |         | dB    |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Right Angle Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 PE4484](#)



N Male Right Angle Connector Crimp/Solder Attachment  
 for RG55, RG141, RG142, RG223, RG400

## RF Connectors Technical Data Sheet

PE4484

### Mechanical Specifications

| Size          |                     |
|---------------|---------------------|
| Length        | 1.8 in [45.72 mm]   |
| Width/Dia.    | 1.29 in [32.77 mm]  |
| Weight        | 0.127 lbs [57.61 g] |
| Mating Cycles | 500 Cycles          |

### 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                         |

### Environmental Specifications

#### Temperature

|                   |                                      |
|-------------------|--------------------------------------|
| Operating Range   | -65 to +165 deg C                    |
| Vibration         | MIL-STD-202, Method 204, Condition B |
| Temperature Cycle | MIL-STD-202, Method 107, Condition B |
| Salt Spray        | MIL-STD-202, Method 101, Condition B |

### 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: [N Male Right Angle Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 PE4484](#)



## N Male Right Angle Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400

### RF Connectors Technical Data Sheet

PE4484

#### Assembly Instruction

N 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.

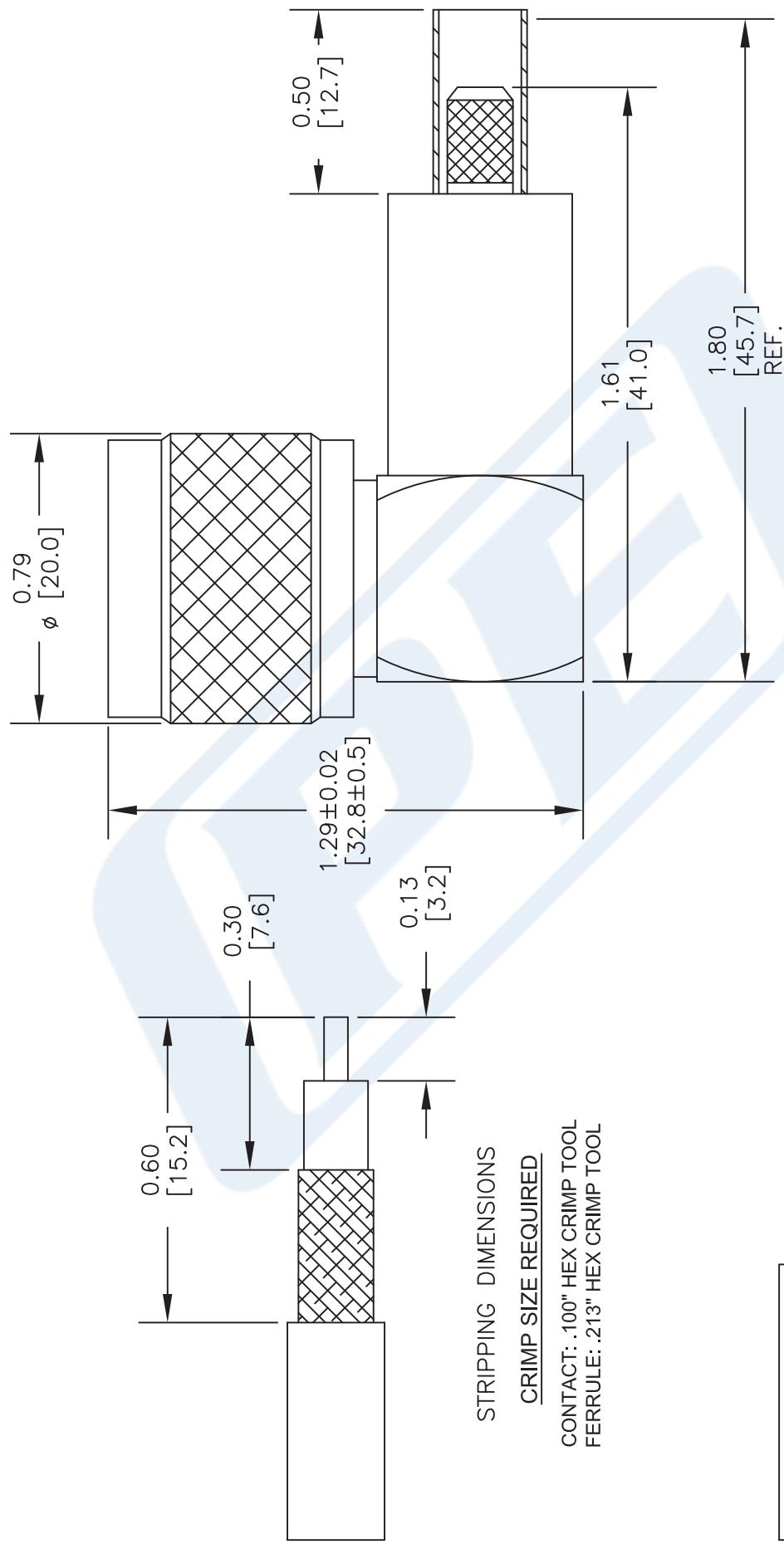
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Right Angle Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 PE4484](#)

URL: <https://www.pasternack.com/n-male-standard-rg55-rg141-rg142-rg223-rg400-connector-pe4484-p.aspx>

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# PE4484 CAD Drawing

N Male Right Angle Connector Crimp/Solder Attachment  
for RG55, RG141, RG142, RG223, RG400



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   | PE4484 | FSCM NO. | 53919 | CAD FILE | 040416 | SCALE | N/A | SIZE | A | 3045 |
|---|--------|----------|-------|----------|--------|-------|-----|------|---|------|
| <b>PASTERNACK®</b><br>THE ENGINEER'S RF SOURCE<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> |        |          |       |          |        |       |     |      |   |      |

## 53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE Jacket

### TECHNICAL DATA SHEET

### RG55B/U

#### 53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE Jacket

##### Configuration

|                                      |  |
|--------------------------------------|--|
| Inner Conductor Material and Plating | Copper, Silver                           |
| Dielectric Type                      | PE                                       |
| Shield Materials                     | Tinned Copper Braid, Tinned Copper Braid |
| Jacket Material and Color            | PE, Black                                |

##### Electrical Specifications

|                                  |              |
|----------------------------------|--------------|
| Impedance, Ohms                  | 53           |
| Velocity of Propagation, %       | 66           |
| Maximum Operating Frequency, GHz | 3            |
| Capacitance, pF/ft [pF/m]        | 28.8 [94.49] |

##### Electrical Specifications by Frequency

###### Frequency 1

|                                 |             |
|---------------------------------|-------------|
| Frequency, MHz                  | 10          |
| Attenuation, dB/100ft [dB/100m] | 1.35 [4.43] |

###### Frequency 2

|                                 |             |
|---------------------------------|-------------|
| Frequency, MHz                  | 100         |
| Attenuation, dB/100ft [dB/100m] | 4.3 [14.11] |

###### Frequency 3

|                                 |              |
|---------------------------------|--------------|
| Frequency, MHz                  | 1000         |
| Attenuation, dB/100ft [dB/100m] | 16.5 [54.13] |

###### Frequency 4

|                                 |             |
|---------------------------------|-------------|
| Frequency, GHz                  | 3           |
| Attenuation, dB/100ft [dB/100m] | 32 [104.99] |

##### Mechanical Specifications

###### Inner Conductor

|                   |              |
|-------------------|--------------|
| Number of Strands | 1            |
| Material          | Copper       |
| Plating           | Silver       |
| Diameter, in [mm] | 0.032 [0.81] |

###### Dielectric:

|                   |              |
|-------------------|--------------|
| Type              | PE           |
| Diameter, in [mm] | 0.116 [2.95] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE Jacket RG55B/U](#)

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## 53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE Jacket

### TECHNICAL DATA SHEET

RG55B/U

**Shield:**

|            |                     |
|------------|---------------------|
| Number of  | 2                   |
| Material 1 | Tinned Copper Braid |
| Material 2 | Tinned Copper Braid |

**Jacket:**

|                       |              |
|-----------------------|--------------|
| Material              | PE           |
| Diameter, in [mm]     | 0.202 [5.13] |
| Color                 | Black        |
| Weight, lbs/ft [Kg/m] | 0.035 [0.05] |

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

**Plotted and Other Data**

Notes: Values at 25 °C, sea level

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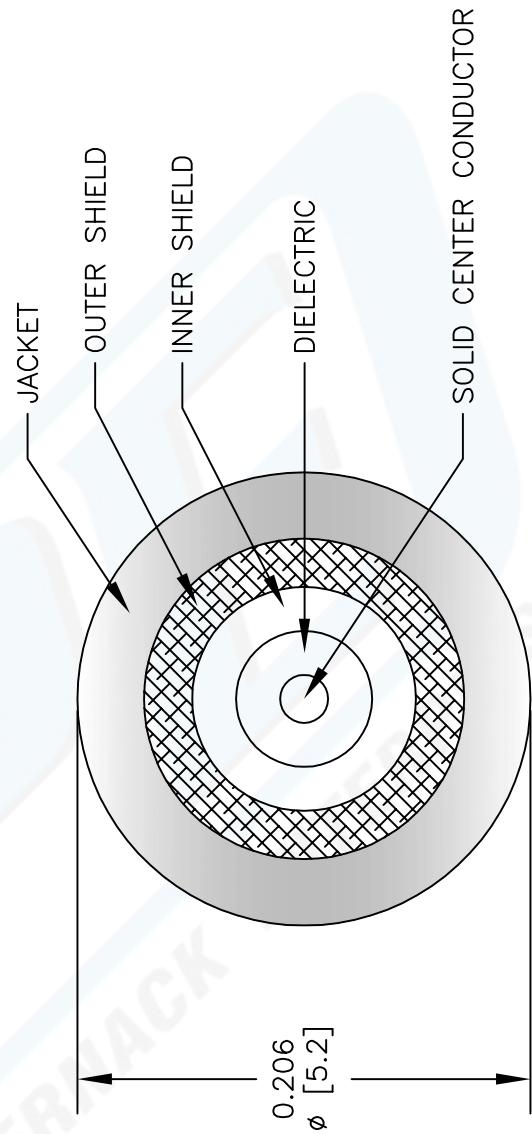
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE Jacket RG55B/U](#)

URL: <http://www.pasternack.com/flexible-0.206-rg55-53.5-ohm-coax-cable-pe-jacket-rg55b-u-p.aspx>

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# RG55B/U CAD Drawing

53 Ohm Flexible RG55 Coax Cable Double Shielded with Black PE Jacket



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| DWG TITLE      | REV. A | FSCM NO. | CAD FILE | SCALE | SIZE | 147 |
|----------------|--------|----------|----------|-------|------|-----|
| <b>RG55B/U</b> |        | 53919    | 040113-A | N/A   | N/A  |     |

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