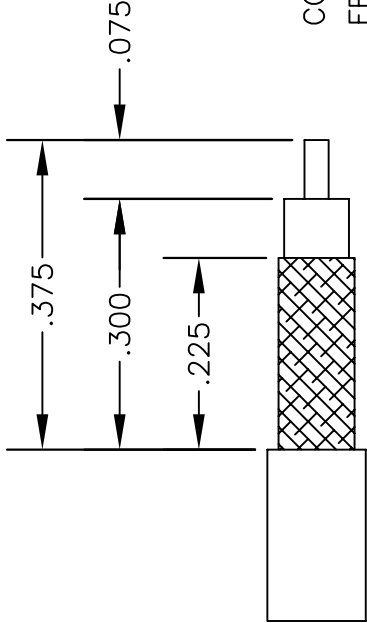
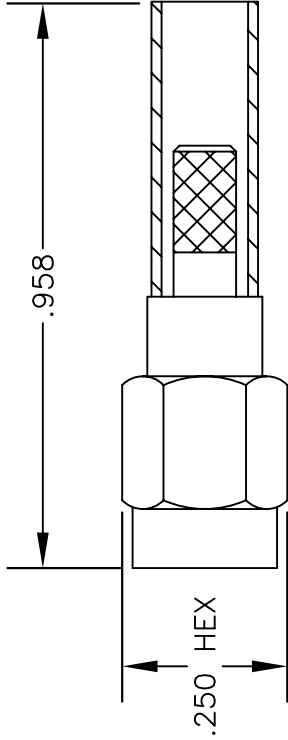


| MATERIALS |                     |
|-----------|---------------------|
| BODY      | BRASS NICKEL PLATED |
| CONTACT   | GOLD PLATED         |
| INSULATOR | PTFE                |
| FERRULE   | GOLD PLATED         |



STRIPPING DIMENSIONS



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. SSMA MALE, SOLDER ATTACHMENT FOR RG188-DS & RG316-DS |        |           |
| <b>PE44417</b> |                |                                                           |        |           |
| SIZE A         | FSCM NO. 53919 | CAD FILE                                                  | 121803 | 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.



Banana Plug Connector Crimp/Solder  
Attachment for RG188-DS, RG316-DS

TECHNICAL DATA SHEET

PE45164

**Configuration**

|                                    |                    |
|------------------------------------|--------------------|
| Connector                          | Banana Plug        |
| Connector Interface Type           | RG188-DS, RG316-DS |
| Attachment Method (Shield/Contact) | Crimp/Solder       |
| Body Style                         | Straight           |

**Electrical Specifications**

|           |        |
|-----------|--------|
| Impedance | 0 Ohms |
|-----------|--------|

**Mechanical Specifications**

**Size**

|            |                     |
|------------|---------------------|
| Length     | 2.54 in [64.52 mm]  |
| Width/Dia. | 1.175 in [29.85 mm] |
| Height     | 0.65 in [16.51 mm]  |
| Weight     | 0.041 lbs [18.6 g]  |

**Connector**

|                              |               |
|------------------------------|---------------|
| Type                         | Banana Plug   |
| Contact Material and Plating | Brass, Nickel |
| Body Material and Plating    | Brass, Nickel |
| Dielectric Type              | ABS           |

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

Not RoHS Compliant

**Plotted and Other Data**

Notes:

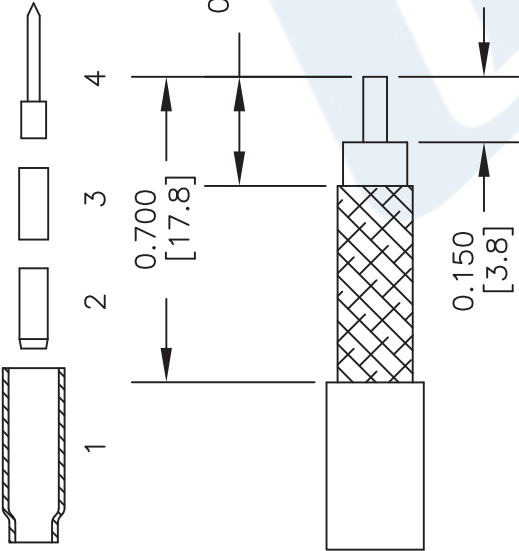
- Values at +25 °C, sea level

Banana Plug Connector Crimp/Solder Attachment for RG188-DS, RG316-DS 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: [Banana Plug Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE45164](http://www.Pasternack.com/banana-plug-rg188-ds-rg316-ds-connector-pe45164-p.aspx)

URL: <http://www.pasternack.com/banana-plug-rg188-ds-rg316-ds-connector-pe45164-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.



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & SLIDE FERRULE (1) ONTO CABLE.
2. FLARE END OF CABLE BRAID & SLIDE METAL SPACER (2) & PTFE (3) SPACER OVER CABLE DIELECTRIC.
3. THE CONTACT (4) SHOULD BUTT AGAINST THE DIELECTRIC & PTFE SPACER. CRIMP CONTACT TO CABLE CENTER CONDUCTOR.
4. INSTALL CABLE ASSEMBLY INTO BODY SO THAT THE INNER FERRULE PORTION OF BODY SLIDES UNDER BRAID. PUSH CABLE ASSEMBLY FORWARD UNTIL CONTACT SITS IN PLACE. SLIDE FERRULE OVER BRAID AND UP AGAINST CONNECTOR BODY & CRIMP.

CRIMP SIZE REQUIRED

CONTACT: .068" HEX CRIMP TOOL  
FERRULE: .178" HEX CRIMP TOOL

DWG TITLE

PE45164

- NOTES:
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  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.

Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)

**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](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)

FSCM NO. 53919

CAD FILE

031815

SCALE N/A

SIZE A

2233

## Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket

### RF Cables Technical Data Sheet

**RG188-DS**

#### Configuration

- Flexible Cable
- 2 Shield(s)

#### Electrical Specifications

| Description                          | Minimum | Typical     | Maximum | Units        |
|--------------------------------------|---------|-------------|---------|--------------|
| Frequency Range                      | DC      |             | 10      | GHz          |
| Impedance                            |         | 50          |         | Ohms         |
| Dielectric Withstanding Voltage (AC) |         |             | 2,000   | Vrms         |
| Nominal Capacitance                  |         | 32 [104.99] |         | pF/ft [pF/m] |

#### Performance by Frequency Band

| Description           | F1    | F2    | F3    | F4     | F5     | Units    |
|-----------------------|-------|-------|-------|--------|--------|----------|
| Frequency             | 0.01  | 0.1   | 1     | 5      | 10     | GHz      |
| Attenuation, Typ      | 3.8   | 11.5  | 30    | 79     | 133    | dB/100ft |
|                       | 12.47 | 37.73 | 98.43 | 259.19 | 436.35 | dB/100m  |
| Input Power (CW), Max | 1,250 | 450   | 160   | 57     |        | Watts    |

#### Mechanical Specifications

|          |                          |
|----------|--------------------------|
| Diameter | 0.118 in [3 mm]          |
| Weight   | 0.016 lbs/ft [0.02 Kg/m] |

#### Construction Specifications

| Description     | Material and Plating                       | Diameter           |
|-----------------|--------------------------------------------|--------------------|
| Inner Conductor | Copper Clad Steel, Silver, 7 Strands       | 0.02 in [0.51 mm]  |
| Conductor Type  | Stranded                                   |                    |
| Dielectric      | PTFE                                       | 0.06 in [1.52 mm]  |
| First Shield    | Silver Plated Copper Braid<br>90% coverage | 0.078 in [1.98 mm] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket RG188-DS](#)

## Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket

### RF Cables Technical Data Sheet

### RG188-DS

|               |                                            |                    |
|---------------|--------------------------------------------|--------------------|
| Second Shield | Silver Plated Copper Braid<br>90% coverage | 0.096 in [2.44 mm] |
| Jacket        | PTFE, White                                | 0.118 in [3 mm]    |

#### Environmental Specifications

##### Temperature

Operating Range

-55 to +200 deg C

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

#### Plotted and Other Data

Notes:

Flexible RG188 Coax Cable Double Shielded with White PTFE 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.

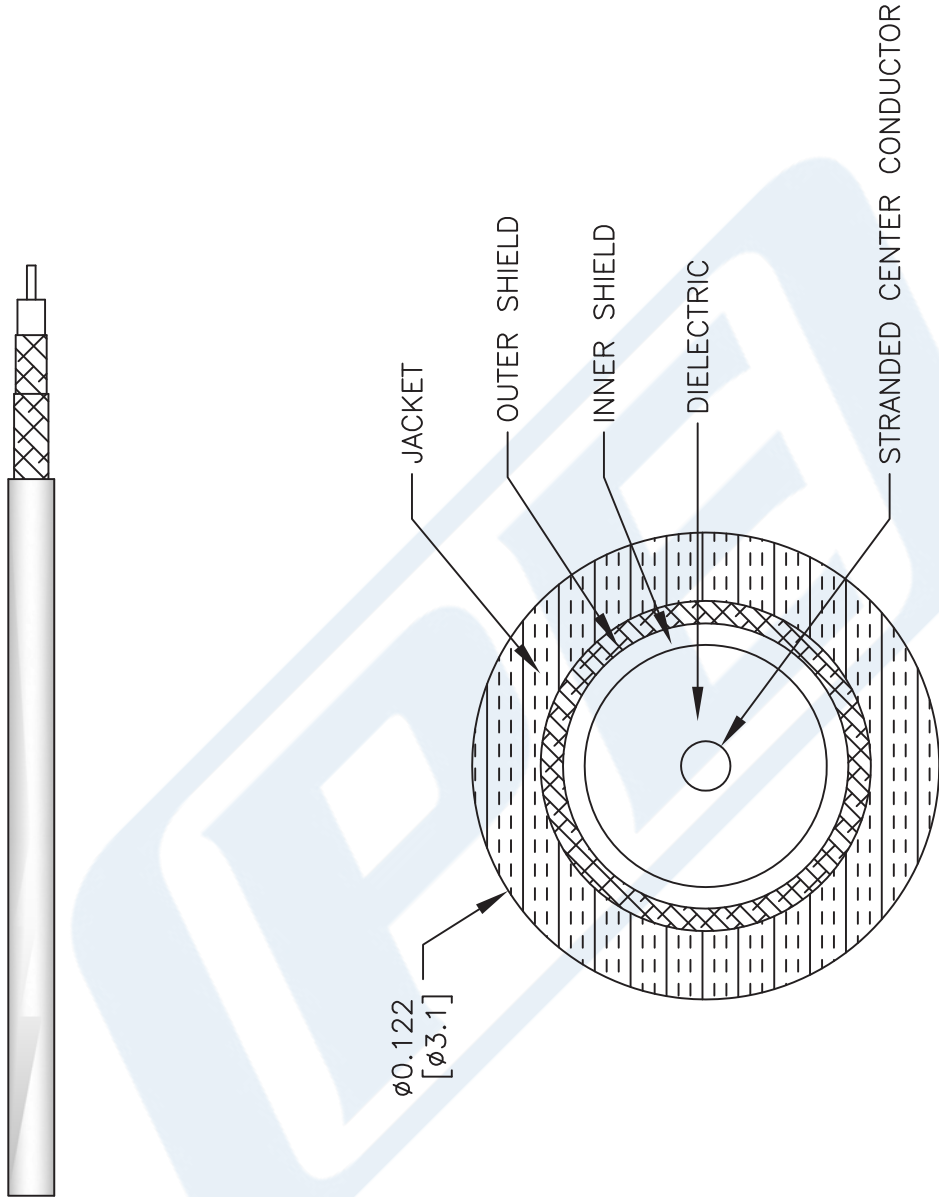
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket RG188-DS](#)

URL: <https://www.pasternack.com/flexible-0.122-rg188-ds-50-ohm-coax-cable-ptfe-jacket-rg188-ds-p.aspx>

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# RG188-DS CAD Drawing

Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket



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3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE  
**RG188-DS**

CAGE CODE 53919

CAD FILE 062817

SCALE N/A

SIZE A

2233

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