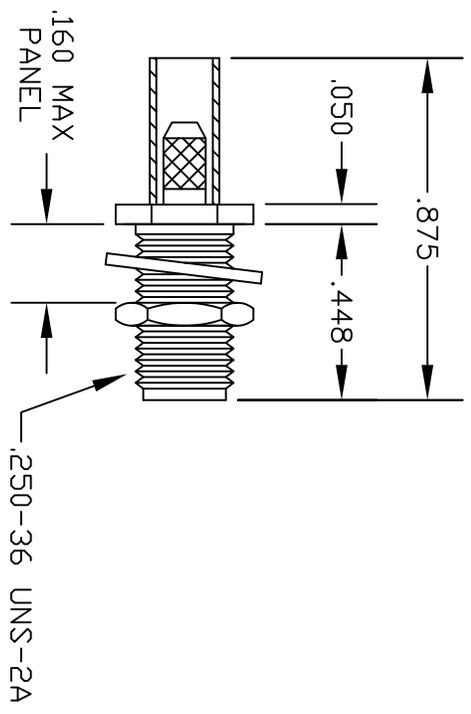
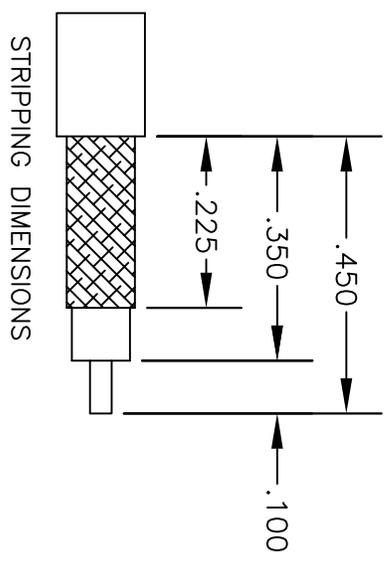
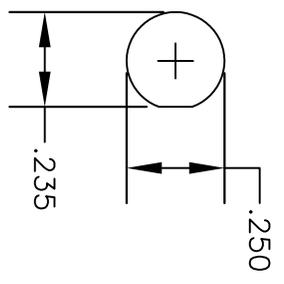


<b>MATERIALS</b>	
BODY	BRASS NICKEL PLATED
CONTACT	GOLD PLATED
INSULATOR	PTFE



MOUNTING HOLE



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED  
CONTACT: SOLDER

FERRULE: .151" HEX CRIMP TOOL



**PASTERMACK 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  
**PE4425**

DES. SMA FEMALE, BULKHEAD, CRIMP  
ATTACHMENT FOR RG188-DS & RG316-DS

SIZE A	FSCM NO. 53919	CAD FILE	051602	SCALE	N/A		127
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NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.



SMB Jack Connector Crimp/Solder Attachment  
for RG188-DS, RG316-DS

RF Connectors Technical Data Sheet

PE45158

**Configuration**

- SMB Jack Connector
- 50 Ohms
- Straight Body Geometry
- RG188-DS, RG316-DS Interface Type
- Crimp/Solder Attachment

**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		4	MHz
Operating Voltage (AC)			335	Vrms

**Mechanical Specifications**

Size	
Length	0.97 in [24.64 mm]
Width/Dia.	0.25 in [6.35 mm]
Weight	0.006 lbs [2.72 g]

**Material Specifications**

Description	Material	Plating
Contact	Brass	Gold 30 μ in. Minimum
Insulation	PTFE	
Body	Brass	Nickel 100 μ in. Minimum

**Environmental Specifications**

Temperature Operating Range	-65 to 165 deg C
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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: [SMB Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE45158](#)



## SMB Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS

### RF Connectors Technical Data Sheet

PE45158

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

#### Plotted and Other Data

Notes:

SMB Jack 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.

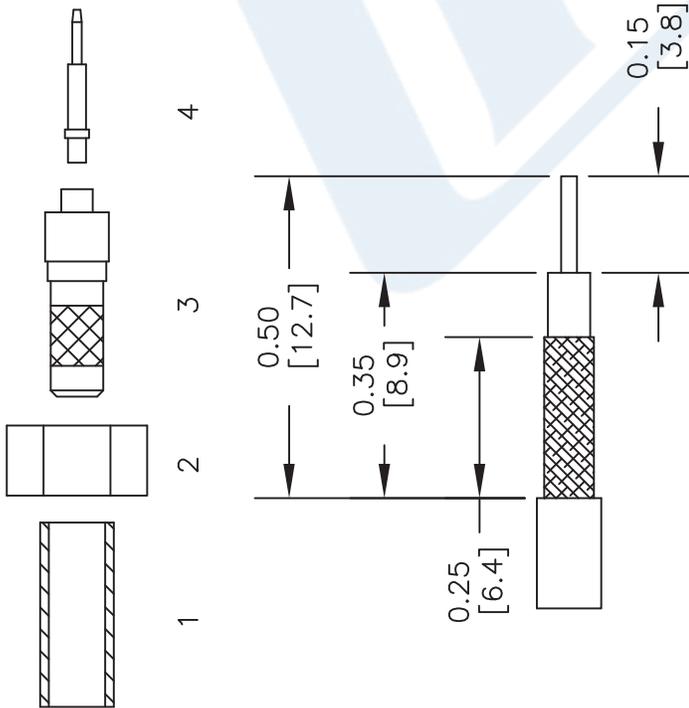
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMB Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE45158](#)

URL: <https://www.pasternack.com/smb-jack-rg188-ds-rg316-ds-connector-pe45158-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.

# PE45158 CAD Drawing

SMB Jack Connector Crimp/Solder Attachment for RG188-DS, RG316-DS



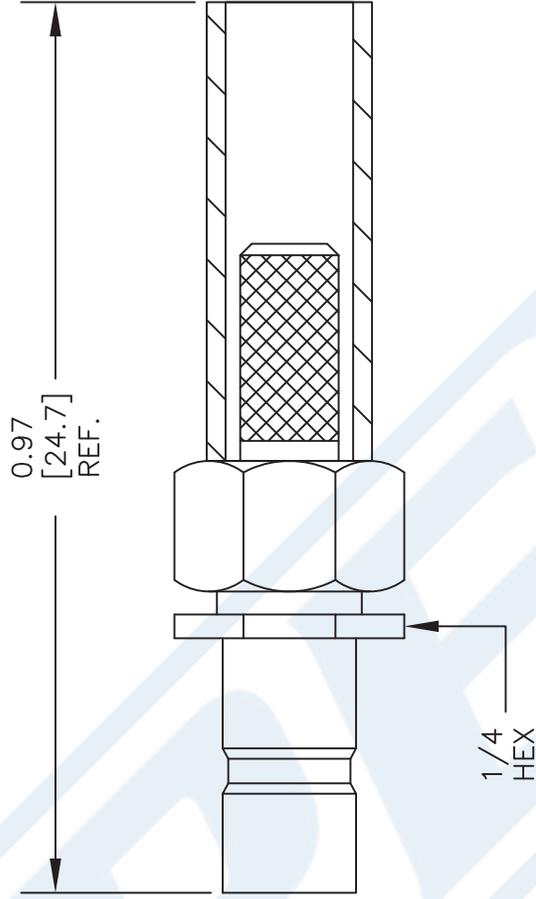
## STRIPPING DIMENSIONS

## ASSEMBLY PROCEDURES

1. SLIDE FERRULE (1) & CRIMP NUT (2) OVER CABLE. STRIP CABLE AS SHOWN. TIN CENTER CONDUCTOR.
2. FLAIR BRAID & INSERT EXTENSION (3) SLIDING UNDER BRAID. DIELECTRIC MUST SEAT AGAINST INSULATOR IN EXTENSION WITH CENTER CONDUCTOR PROTRUDING THROUGH INSULATOR.
3. SOLDER CONTACT TO CENTER CONDUCTOR. INSTALL CABLE ASSEMBLY INTO BODY & TIGHTEN.

## CRIMP SIZE REQUIRED

FERRULE: .151" HEX CRIMP TOOL



DWG TITLE

**PE45158**

- 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.

FSCM NO. 53919

CAD FILE 081616

SCALE N/A

SIZE A

2233

**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

# 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 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 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.

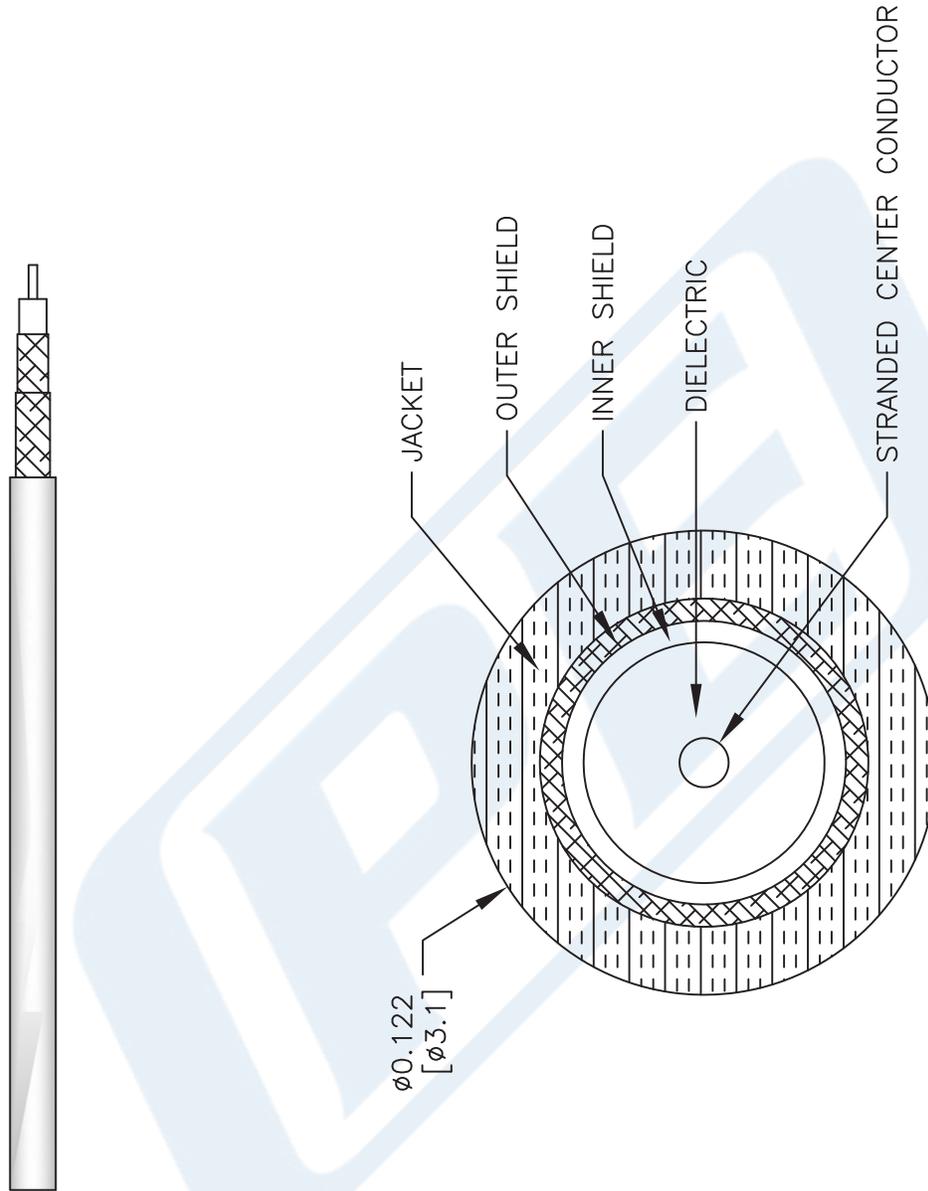
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket RG188-DS](#)

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

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.

# RG188-DS CAD Drawing

Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket



DWG TITLE

**RG188-DS**

NOTES:  
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2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].

CAGE CODE 53919

CAD FILE 062817

SCALE N/A

SIZE A

2233



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