PASTERNACK®
THE ENGINEER'S RF SOURCE

Reverse Polarity BNC Female Connector Crimp/ Solder Attachment for RG188-DS, RG316-DS



RF Connectors Technical Data Sheet PE45182

Configuration

- BNC Female Reverse Polarity Connector
- MIL-C-39012
- 50 Ohms
- Straight Body Geometry
- RG188-DS, RG316-DS Interface Type
- Crimp/Solder Attachment

Mechanical Specifications

Size

Length	1.28 in [32.51 mm]
Width/Dia.	0.45 in [11.43 mm]
Weight	0.02 lbs [9.07 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold 3µ-5µ in. minimum
Insulation	Teflon	
Body	Brass	Nickel 70µ in. minimum

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	
REACH Compliant	06/18/2012

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Reverse Polarity BNC Female Connector Crimp/Solder Attachment for RG188-DS, RG316-DS PE45182

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Reverse Polarity BNC Female Connector Crimp/ Solder Attachment for RG188-DS, RG316-DS

Plotted and Other Data

Notes:

Reverse Polarity BNC Female 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.

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URL: http://www.pasternack.com/bnc-female-reverse-polarity-rg188-ds-rg316-ds-connector-pe45182-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.

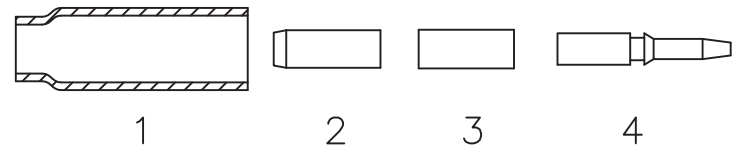
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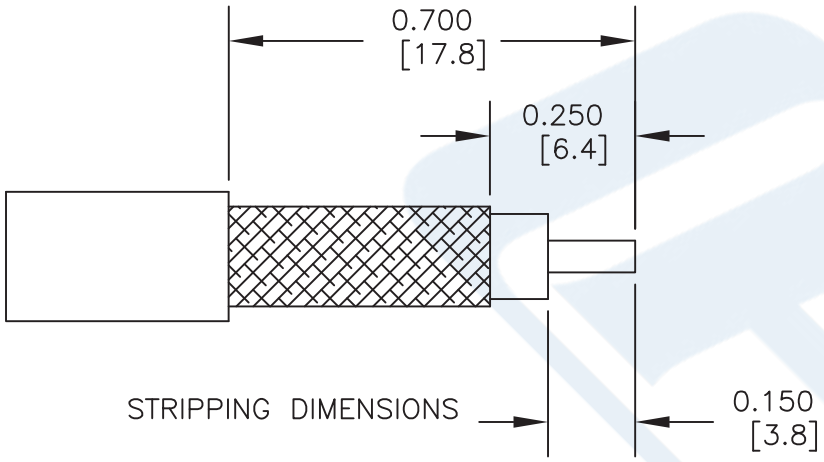
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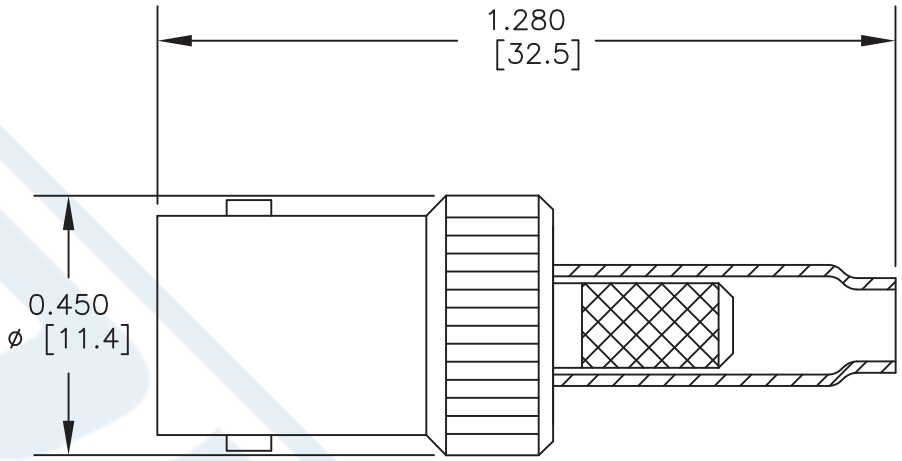
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PE45182 CAD Drawing

Reverse Polarity BNC Female Connector Crimp/Solder
Attachment for RG188-DS, RG316-DS







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 SNAPS INTO PLACE. SLIDE FERRULE OVER BRAID AND UP AGAINST CONNECTOR BODY & CRIMP.

CRIMP SIZE REQUIRED

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

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DWG TITLE

PE45182

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 031715	SCALE N/A	SIZE A	2233

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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 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

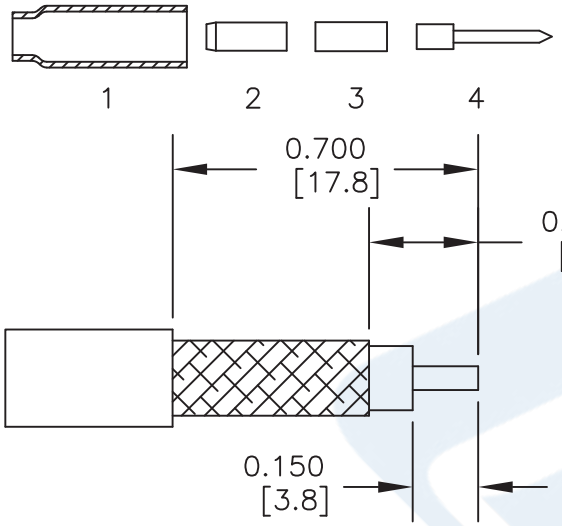
URL: http://www.pasternack.com/banana-plug-rg188-ds-rg316-ds-connector-pe45164-p.aspx

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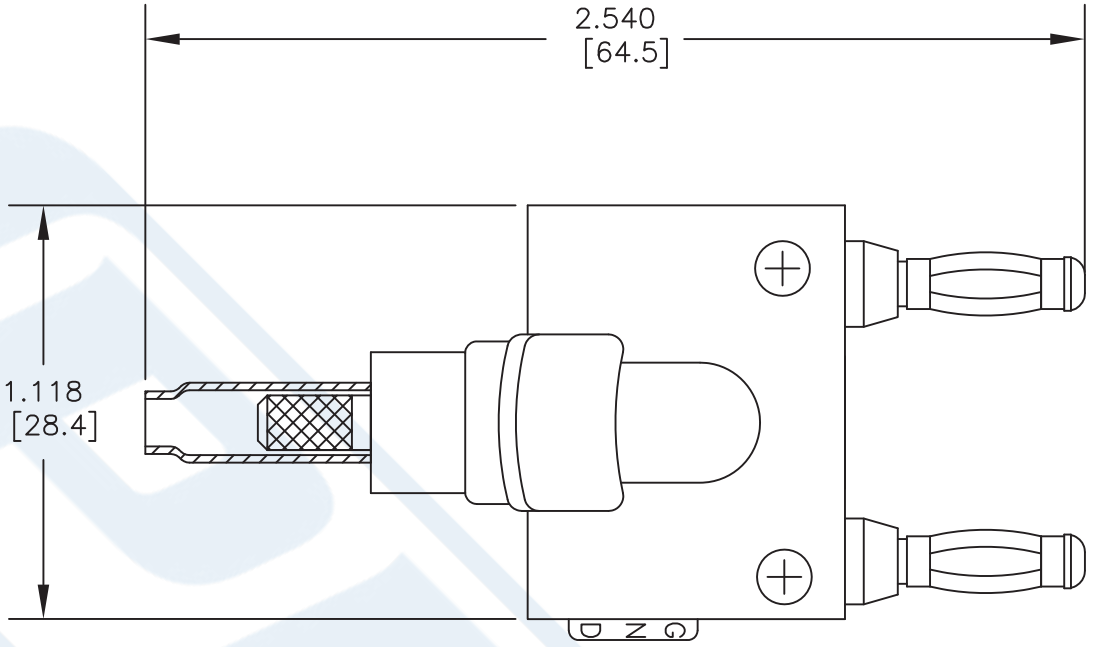
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STRIPPING DIMENSIONS



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.
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CRIMP SIZE REQUIRED

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DWG TITLE
PE45164

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

FSCM NO. 53919	CAD FILE 031815	SCALE N/A	SIZE A	2233

PE45164 CAD Drawing
Banana Plug Connector Crimp/Solder Attachment for RG188-DS, RG316-DS

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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

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Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket

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

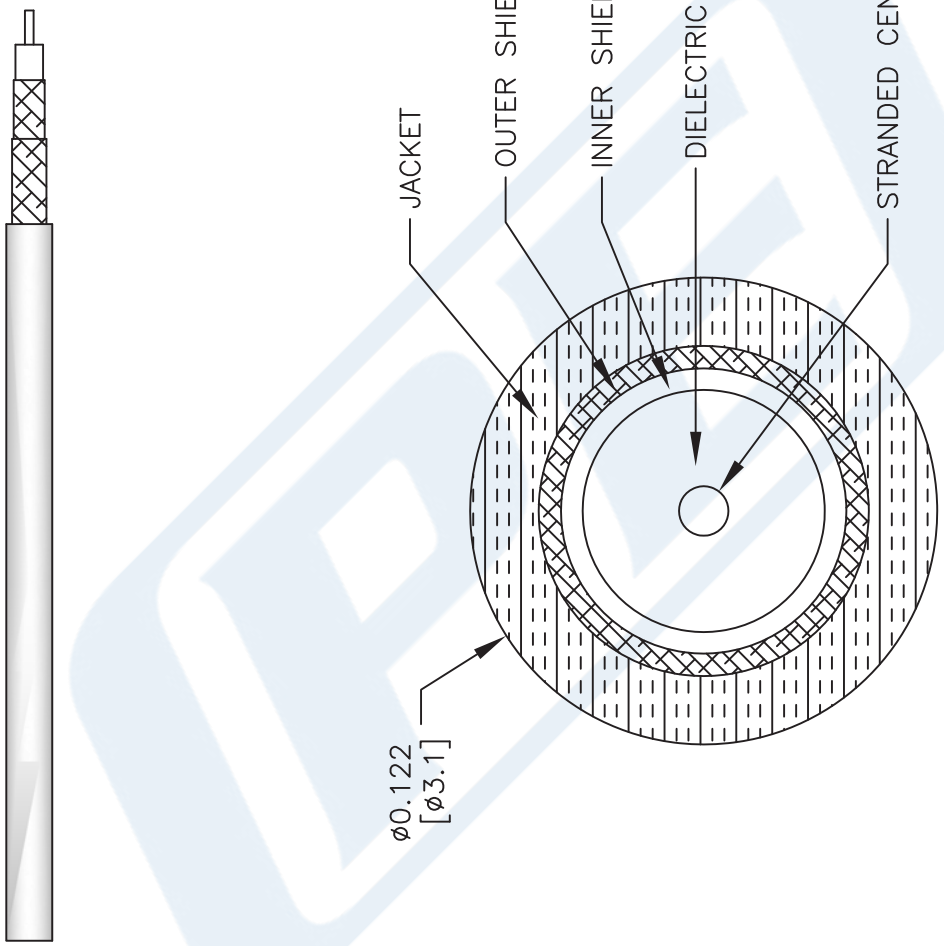
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RG188-DS CAD Drawing

Flexible RG188 Coax Cable Double Shielded with White PTFE Jacket



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DWG TITLE: RG188-DS

CAGE CODE 53919 | CAD FILE 062817 | SCALE N/A | SIZE A | 2233

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