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
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

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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

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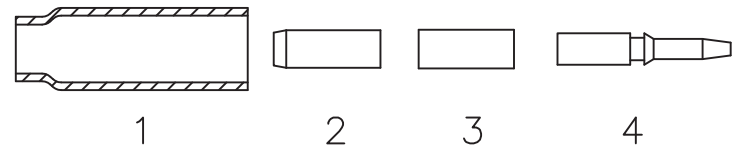
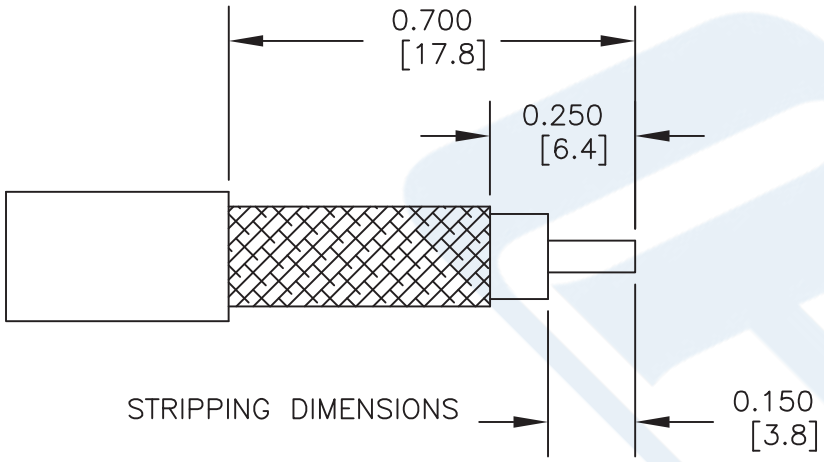
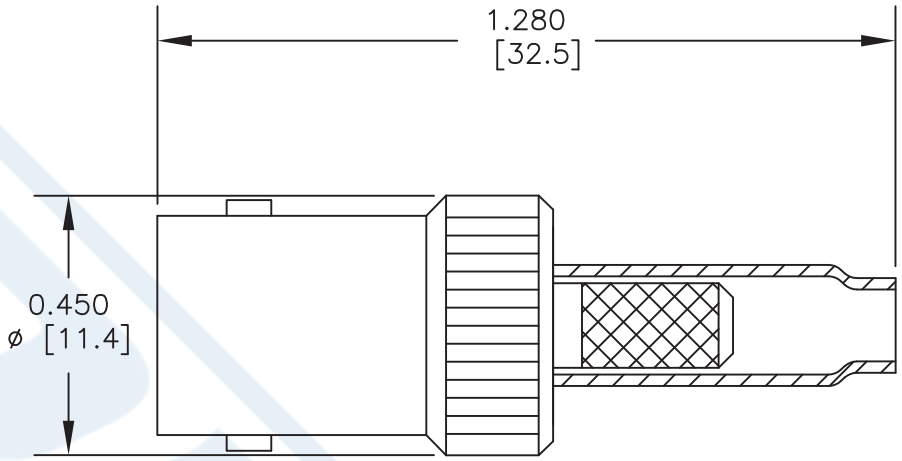
PE45182 CAD Drawing

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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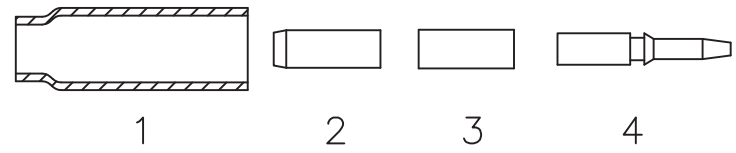

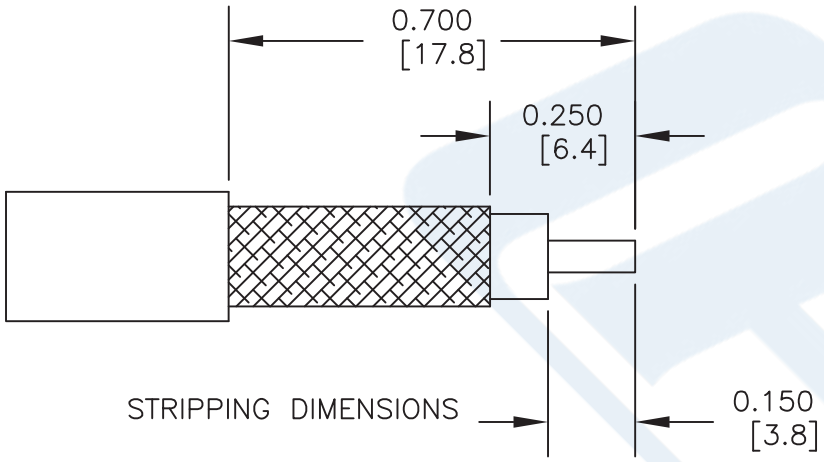

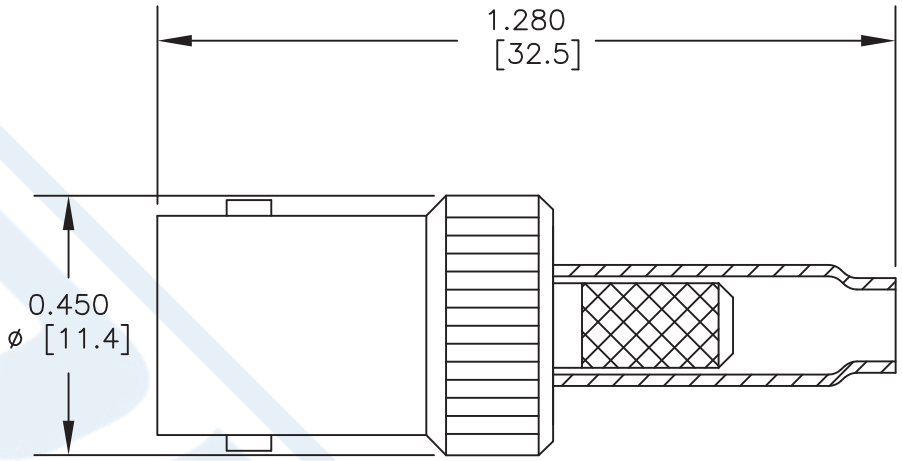

ASSEMBLY PROCEDURES

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FSCM NO. 53919	CAD FILE 031715	SCALE N/A	SIZE A	2233

PASTERNACK®
www.pasternack.com

Flexible RG316 Coax Cable Double Shielded with Tan FEP Jacket

TECHNICAL DATA SHEET RG316-DS

Flexible RG316 Coax Cable Double Shielded with Tan FEP Jacket

Configuration

Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Shield Materials	Silver Plated Copper Braid, Silver Plated Copper Braid
Jacket Material and Color	FEP, Tan

Electrical Specifications

Impedance, Ohms	50
Velocity of Propagation, %	70
Maximum Operating Frequency, GHz	3
Capacitance, pF/ft [pF/m]	29.4 [96.46]
Maximum Operating Voltage, Volts	1,200

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	8 [26.25]

Frequency 2

Frequency, MHz	400
Attenuation, dB/100ft [dB/100m]	16.2 [53.15]

Frequency 3

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	26.1 [85.63]

Frequency 4

Frequency, GHz	3
Attenuation, dB/100ft [dB/100m]	46.7 [153.22]

Mechanical Specifications

Temperature

Operating Range, deg C	-55 to +200

Inner Conductor

Number of Strands	7
Material	Copper Clad Steel
Plating	Silver
Diameter, in [mm]	0.02 [0.51]

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Flexible RG316 Coax Cable Double Shielded with Tan FEP Jacket RG316-DS

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Flexible RG316 Coax Cable Double Shielded with Tan FEP Jacket

TECHNICAL DATA SHEET RG316-DS

Dielectric:	
Type	PTFE
Diameter, in [mm]	0.06 [1.52]
Shield:	
Number of	2
Material 1	Silver Plated Copper Braid
Material 2	Silver Plated Copper Braid
Diameter, in [mm]	0.096 [2.44]
Jacket:	
Material	FEP
Diameter, in [mm]	0.114 [2.9]
Color	Tan
One Time Minimum Bend Radius, in [mm]	0.59 [14.99]
Weight, lbs/ft [Kg/m]	0.016 [0.02]

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

RoHS Compliant	Yes

Plotted and Other Data

Notes:	Values at 25 °C, sea level

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URL: http://www.pasternack.com/flexible-0.114-rg316-ds-50-ohm-coax-cable-fep-jacket-rg316-ds-p.aspx

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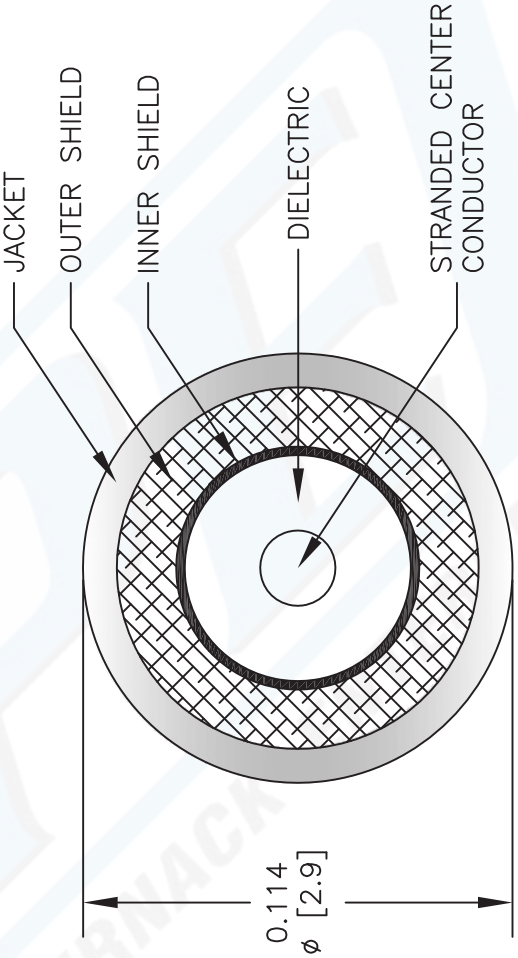
RG316-DS CAD Drawing

Flexible RG316 Coax Cable Double Shielded with Tan FEP Jacket



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DWG TITLE: RG316-DS

FSCM NO. 53919

CAD FILE 041812-B | SCALE N/A | SIZE A | 2233

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