PASTERNACK®
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75 Ohm SMC Jack Connector Clamp/Solder Attachment For RG180, RG195

TECHNICAL DATA SHEET PE4275

75 Ohm SMC Jack Connector Clamp/Solder Attachment For RG180, RG195

Configuration

Connector	SMC Jack
Connector Interface Type	RG180,RG195
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight

Electrical Specifications

Impedance, Ohms	75

Mechanical Specifications

Size

Length, in [mm]	0.725 [18.42]
Width/Dia., in [mm]	0.345 [8.76]
Weight, lbs [g]	0.013 [5.9]

Connector

Type	SMC Jack
Contact Material and Plating	Gold
Body Material and Plating	Brass, Nickel
Dielectric Type	PTFE

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

RoHS Compliant	Yes

Plotted and Other Data

Notes:	Values at 25 °C, sea level

75 Ohm SMC Jack Connector Clamp/Solder Attachment For RG180, RG195 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic 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: 75 Ohm SMC Jack Connector Clamp/Solder Attachment For RG180, RG195 PE4275

URL: http://www.pasternack.com/smc-jack-standard-rg180-rg195-connector-pe4275-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 Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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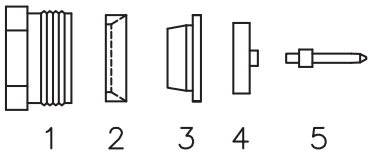
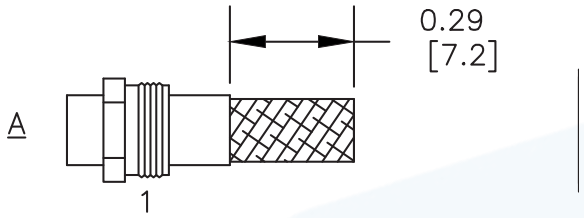
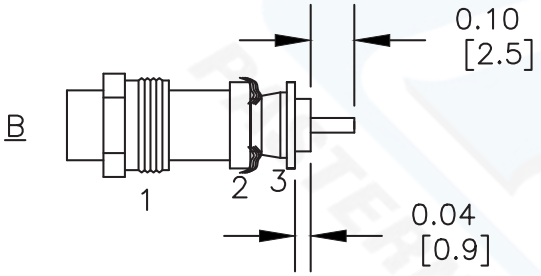
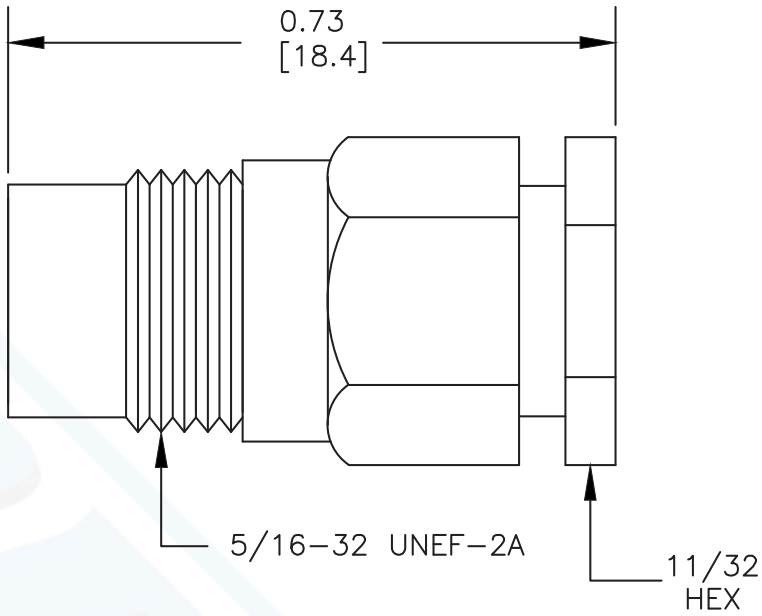






STRIPPING DIMENSIONS



ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1) OVER CABLE AS SHOWN IN A. SLIDE COMPRESSION WASHER (2) OVER BRAID & SEAT AGAINST JACKET. FLAIR BRAID OVER COMPRESSION WASHER (2).

2. SLIDE BRAID CLAMP (3) OVER DIELECTRIC & UNDER BRAID. PUSH INTO WASHER UNTIL IT STOPS. STRIP CABLE AS SHOWN IN B. TRIM EXCESS BRAID FLUSH WITH SURFACE OF COMPRESSION WASHER (2). INSERT INSULATOR (4) OVER DIELECTRIC WITH CENTER CONDUCTOR PROTRUDING THROUGH HOLE.

3. SOLDER CONTACT (5) TO CENTER CONDUCTOR. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.

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DWG TITLE

PE4275

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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.

REV. -	FSCM NO. 53919	CAD FILE 042309	SCALE N/A	SIZE A	2233

PE4275 CAD Drawing

75 Ohm SMC Jack Connector Clamp/Solder Attachment For RG180, RG195

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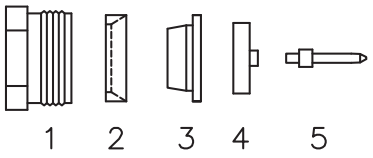
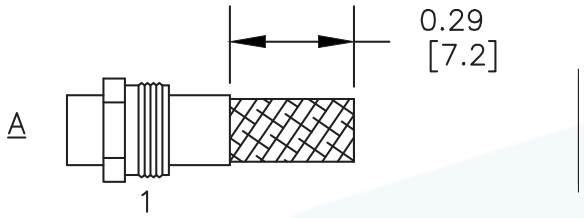
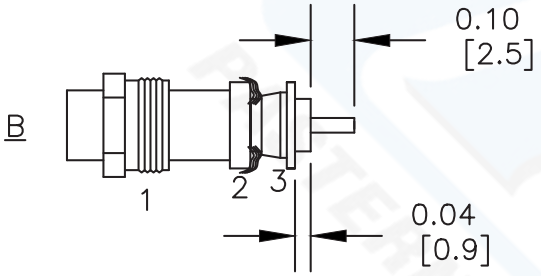
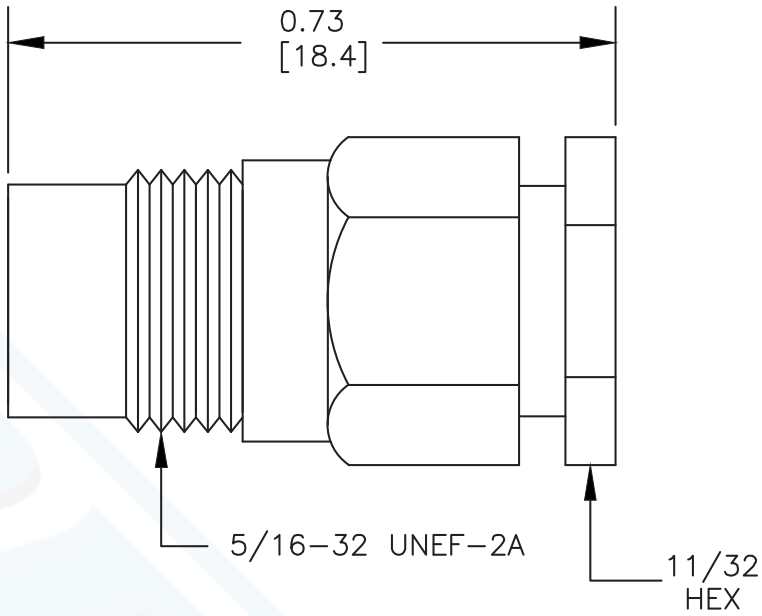






STRIPPING DIMENSIONS



ASSEMBLY PROCEDURES

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DWG TITLE

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REV. -	FSCM NO. 53919	CAD FILE 042309	SCALE N/A	SIZE A	2233

PE4275 CAD Drawing

75 Ohm SMC Jack Connector Clamp/Solder Attachment For RG180, RG195

PASTERNACK®
THE ENGINEER'S RF SOURCE

75 Ohm Flexible PE-B150 Coax Cable Single Shielded with Black PVC Jacket

RF Cables Technical Data Sheet PE-B150

Configuration

Flexible Cable
1 Number of Shields

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		5	GHz
Impedance		75		Ohms
Operating Voltage (AC)			600	Vrms
Nominal Capacitance		20.5 [67.26]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	10	100	400	700	1,000	MHz
Attenuation, Typ	2.4 7.87	5.7 18.7	12.1 39.7	16.5 54.13	20 65.62	dB/100ft dB/100m
Input Power (CW), Max	195	83	40	30	25	Watts

Description	F6	F7	F8	F9	F10	Units
Frequency	5					GHz
Attenuation, Typ	50 164.04					dB/100ft dB/100m

Mechanical Specifications

Diameter	0.15 in [3.81 mm]
Weight	0.019 lbs/ft [0.03 Kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, 7 Strands	0.017in [0.43 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 75 Ohm Flexible PE-B150 Coax Cable Single Shielded with Black PVC Jacket PE-B150

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75 Ohm Flexible PE-B150 Coax Cable Single Shielded with Black PVC Jacket

RF Cables Technical Data Sheet PE-B150

Dielectric	PE	0.1 in [2.54 mm]
First Shield	Tinned Copper Braid	
Jacket	PVC, Black	0.15 in [3.81 mm]

Environmental Specifications

Temperature

Operating Range -40 to 80 deg C

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

Not RoHS Compliant

Plotted and Other Data

Notes:

75 Ohm Flexible PE-B150 Coax Cable Single Shielded with Black PVC Jacket 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: 75 Ohm Flexible PE-B150 Coax Cable Single Shielded with Black PVC Jacket PE-B150

URL: http://www.pasternack.com/flexible-0.150-mini-75-ohm-coax-cable-pvc-jacket-pe-b150-p.aspx

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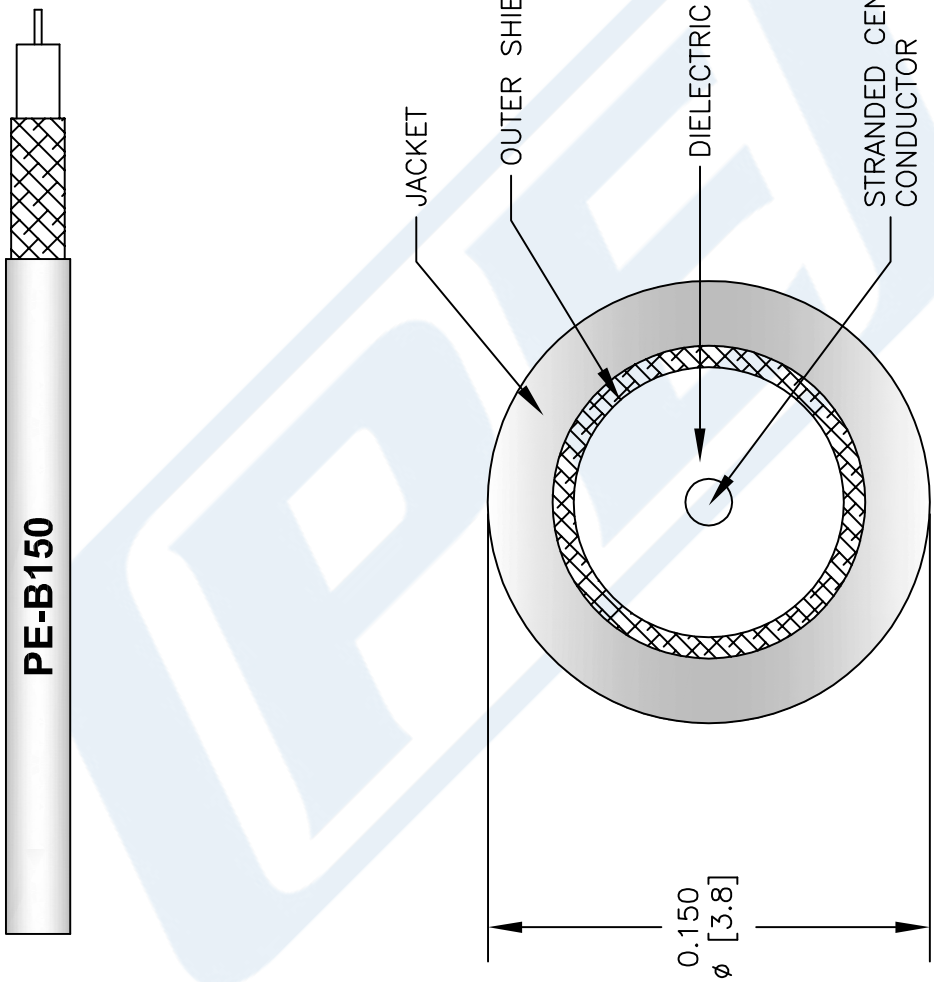
PE-B150 CAD Drawing

75 Ohm Flexible PE-B150 Coax Cable Single Shielded with Black PVC Jacket



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DWG TITLE: PE-B150

FSCM NO. 53919 | CAD FILE 042809 | SCALE N/A | SIZE A | 127

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