



75 Ohm SMC Plug Right Angle Connector Crimp/ Solder Attachment For RG180, RG195

TECHNICAL DATA SHEET

PE4162

75 Ohm SMC Plug Right Angle Connector Crimp/Solder Attachment For RG180, RG195

Configuration

Connector	SMC Plug
Connector Interface Type	RG180, RG195
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Right Angle

Electrical Specifications

Impedance, Ohms	75
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Mechanical Specifications

Size

Length, in [mm]	0.75 [19.05]
Width/Dia., in [mm]	0.345 [8.76]
Height, in [mm]	0.685 [17.4]
Weight, lbs [g]	0.013 [5.9]

Connector

Type	SMC Plug
Contact Material and Plating	Gold
Coupling Nut Material and Plating	Brass, Nickel
Hex Size, in.	11/32
Torque, in-lbs [Nm]	5 [0.57]
Body Material and Plating	Brass, Nickel
Dielectric Type	PTFE

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

Plotted and Other Data

Notes:	Values at 25 °C, sea level
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75 Ohm SMC Plug Right Angle Connector Crimp/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.

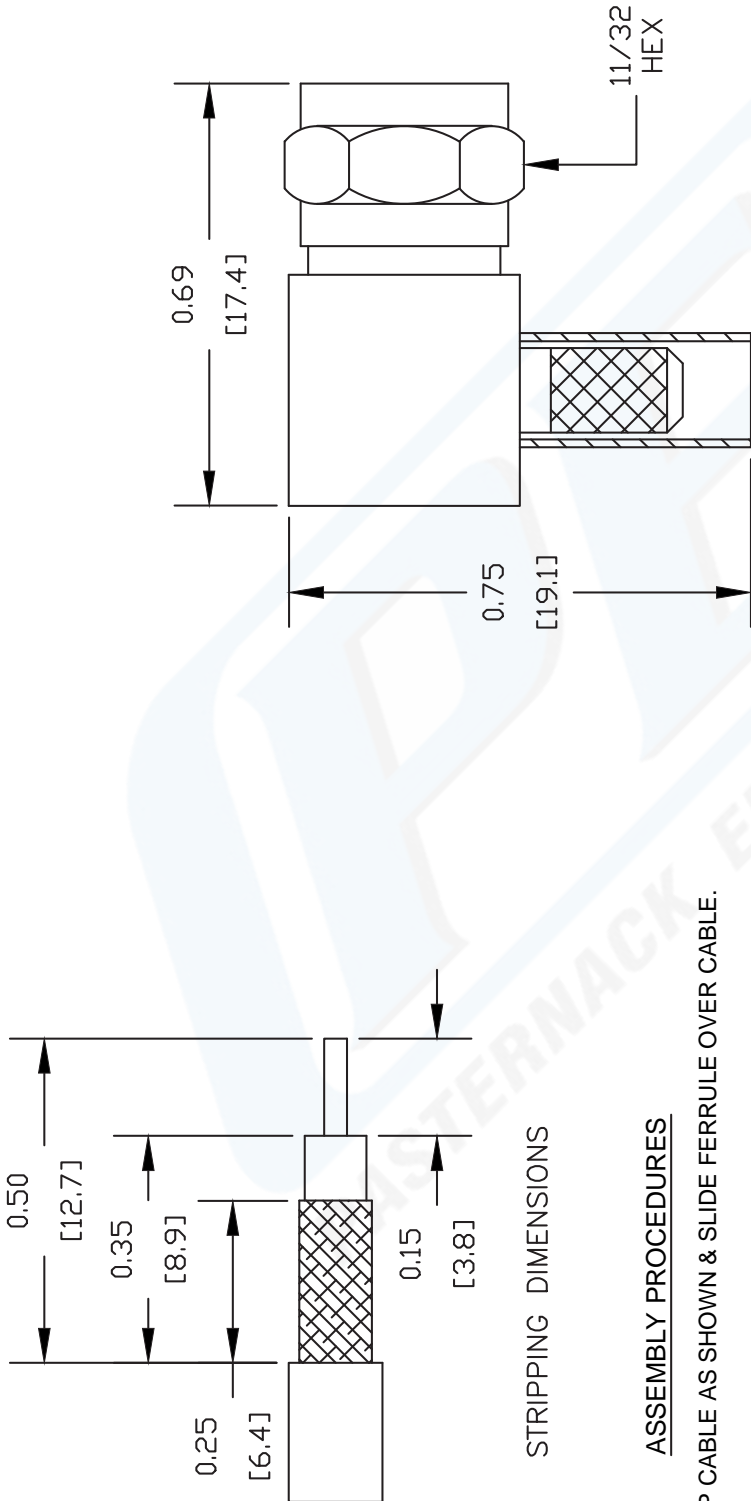
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm SMC Plug Right Angle Connector Crimp/Solder Attachment For RG180, RG195 PE4162](http://www.pasternack.com/smc-plug-standard-rg180-rg195-connector-pe4162-p.aspx)

URL: <http://www.pasternack.com/smc-plug-standard-rg180-rg195-connector-pe4162-p.aspx>

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PE4162 CAD Drawing

75 Ohm SMC Plug Right Angle Connector Crimp/Solder Attachment For RG180, RG195



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & SLIDE FERRULE OVER CABLE.
2. INSTALL CABLE INTO BODY OF CONNECTOR AND SOFT SOLDER CENTER CONDUCTOR IN PLACE.
3. CRIMP FERRULE, INSERT PTFE & PRESS DOWN CAP.

CRIMP SIZE REQUIRED

FERRULE: .178" HEX CRIMP TOOL



Pasternack Enterprises, Inc.
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DWG TITLE

PE4162

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.

REV. -

FSCM NO. 53919

CAD FILE

042309

SCALE N/A

SIZE A

147



75 Ohm SMC Plug Right Angle Connector Crimp/ Solder Attachment For RG180, RG195

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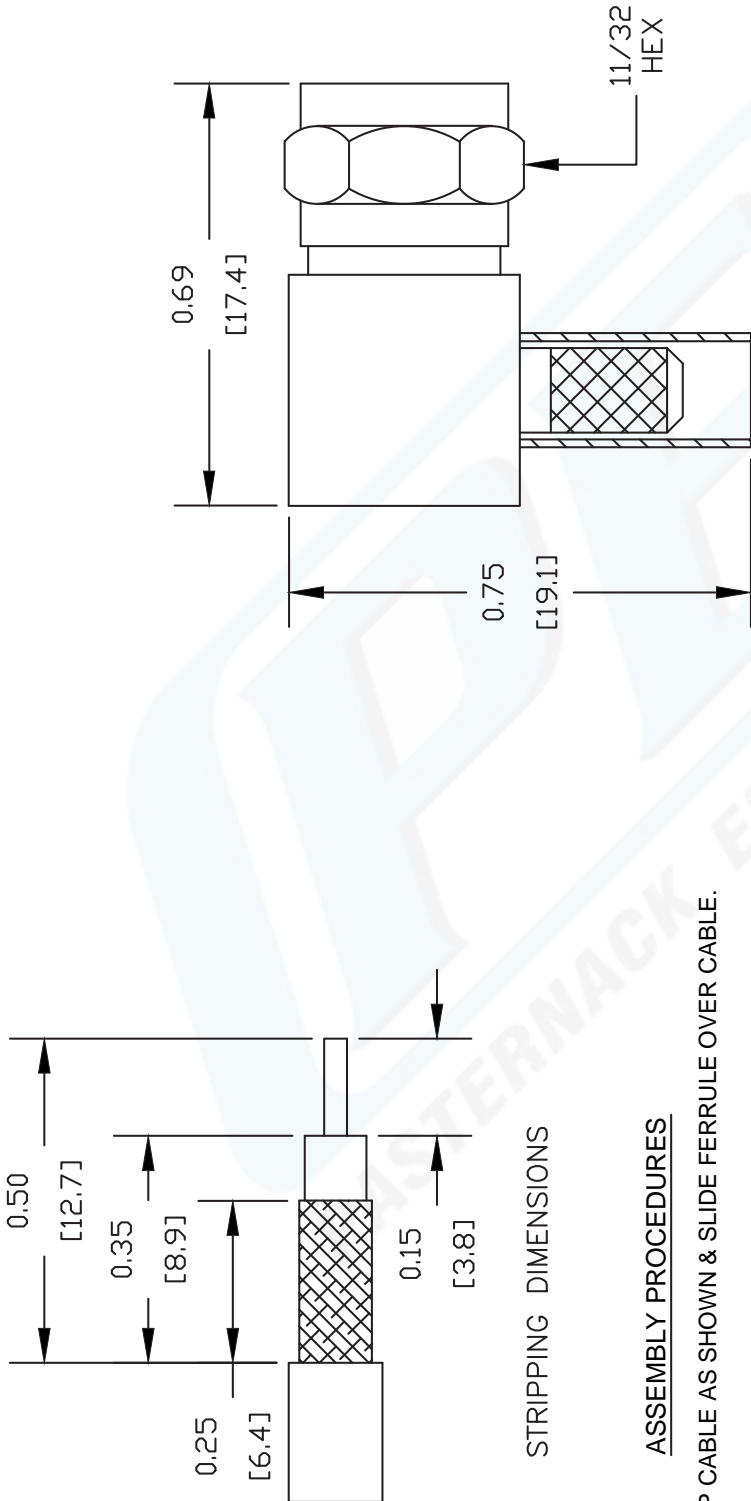
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PE4162 CAD Drawing

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FERRULE: .178" HEX CRIMP TOOL



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REV. -

FSCM NO. 53919

CAD FILE

042309

SCALE N/A

SIZE A

147

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	5.7	12.1	16.5	20	dB/100ft
	7.87	18.7	39.7	54.13	65.62	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					dB/100ft
	164.04					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](#)

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:

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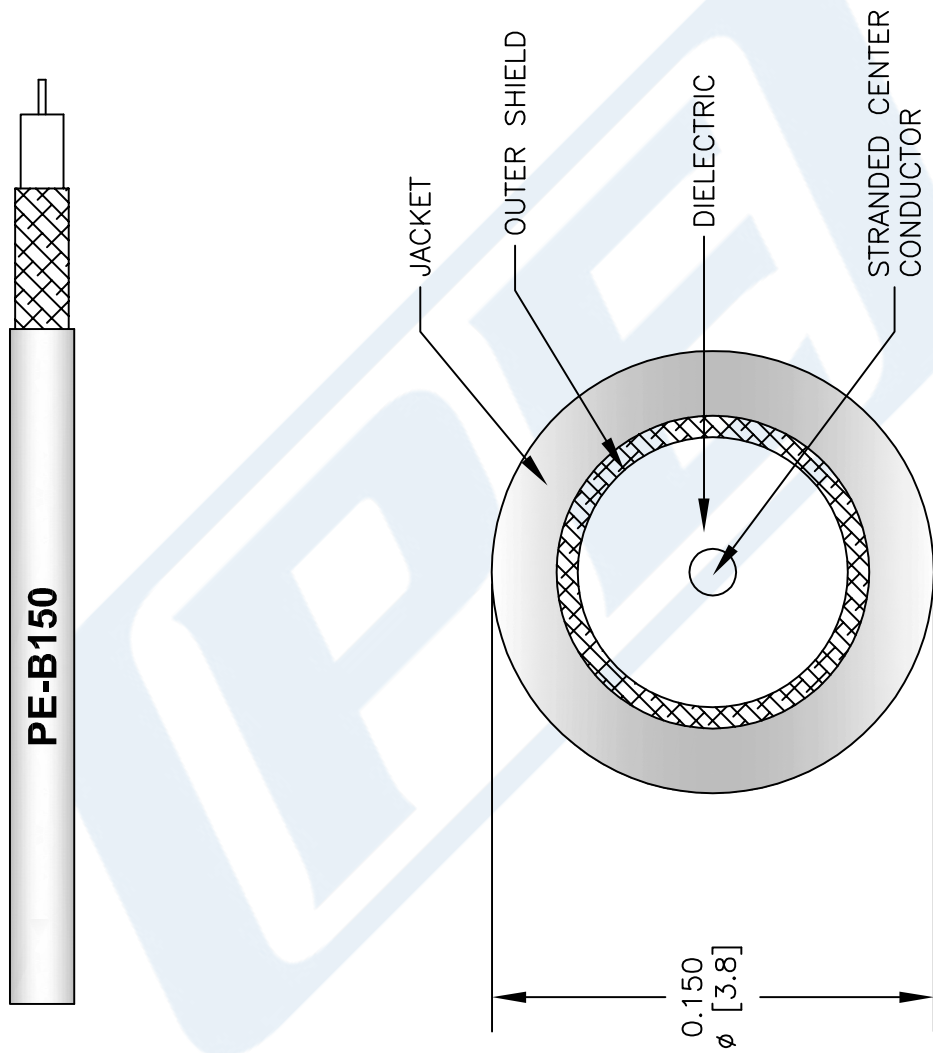
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URL: <http://www.pasternack.com/flexible-0.150-mini-75-ohm-coax-cable-pvc-jacket-pe-b150-p.aspx>

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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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