



## 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](http://www.Pasternack.com) for current document)

##### Plotted and Other Data

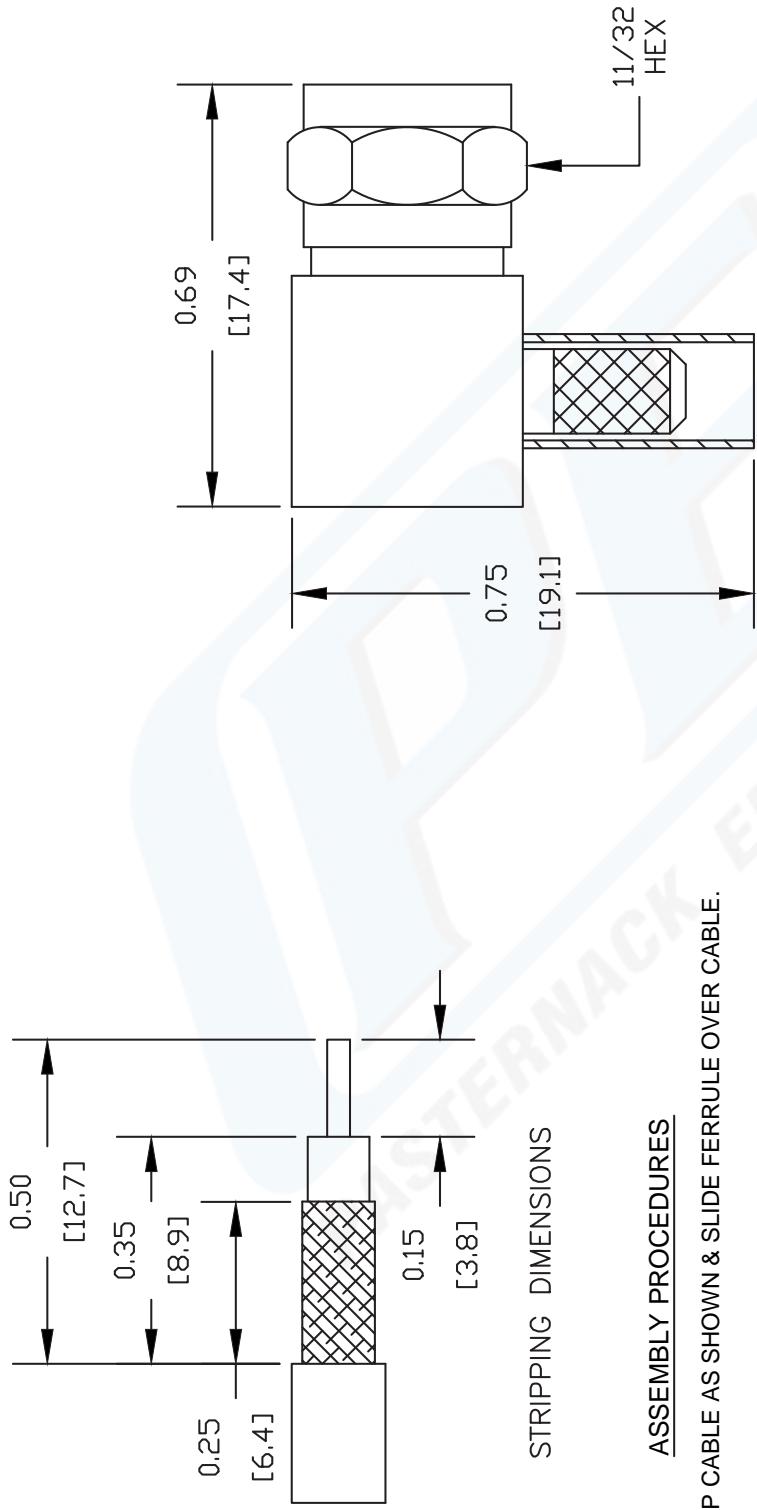
Notes:	Values at 25 °C, sea level
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75 Ohm SMC Plug Right Angle Connector Crimp/Solder Attachment For RG180, RG195 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain 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/75-ohm-smc-plug-right-angle-connector-crimp-solder-attachment-for-rg180-rg195-pe4162-p.aspx)

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

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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

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DWG TITLE	PE4162
REV. -	FSCM NO. 53919 CAD FILE 042309 SCALE N/A SIZE A

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.



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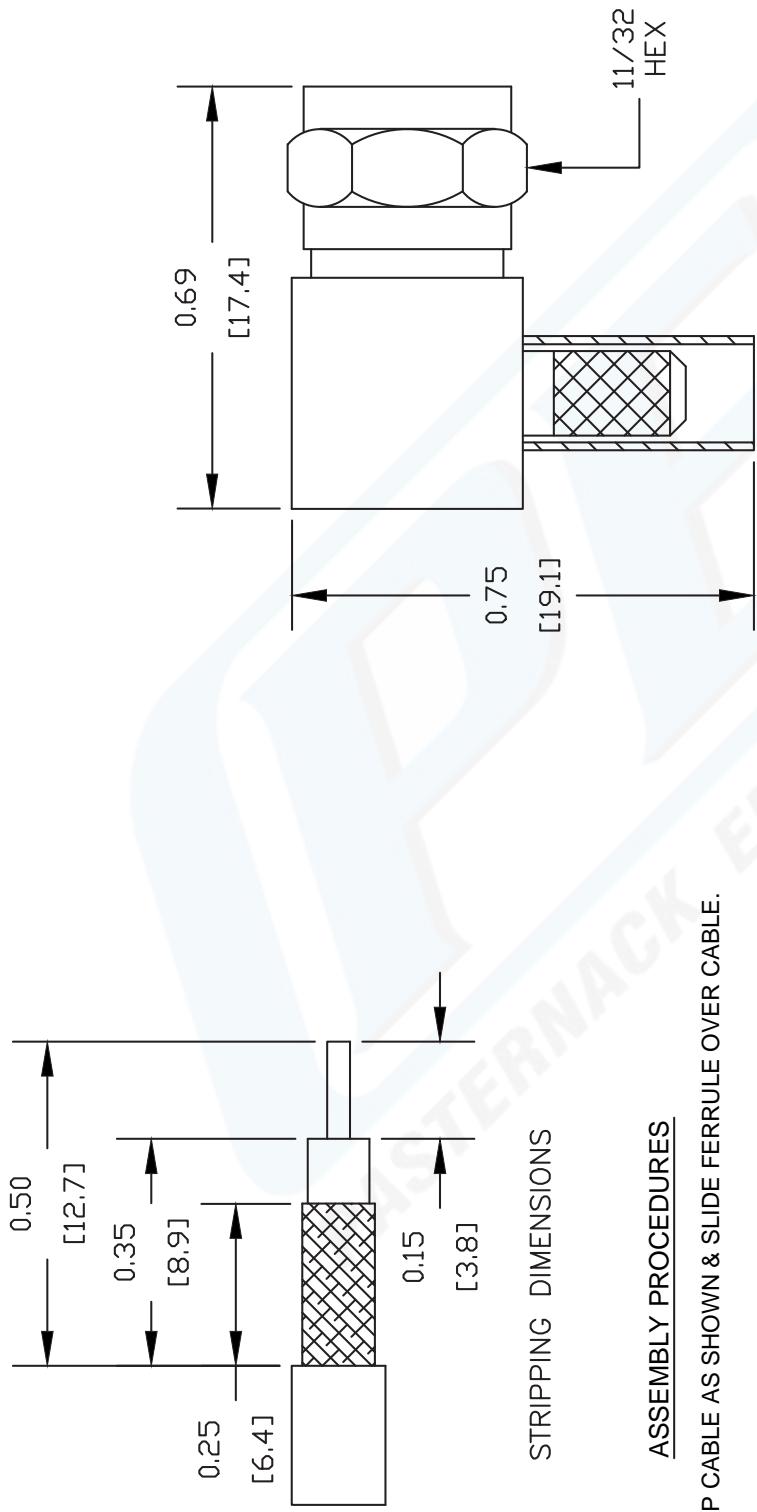
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CRIMP SIZE REQUIRED

FERRULE: .178" HEX CRIMP TOOL

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# 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](http://www.Pasternack.com) for current document)

Not RoHS Compliant

#### Plotted and Other Data

Notes:

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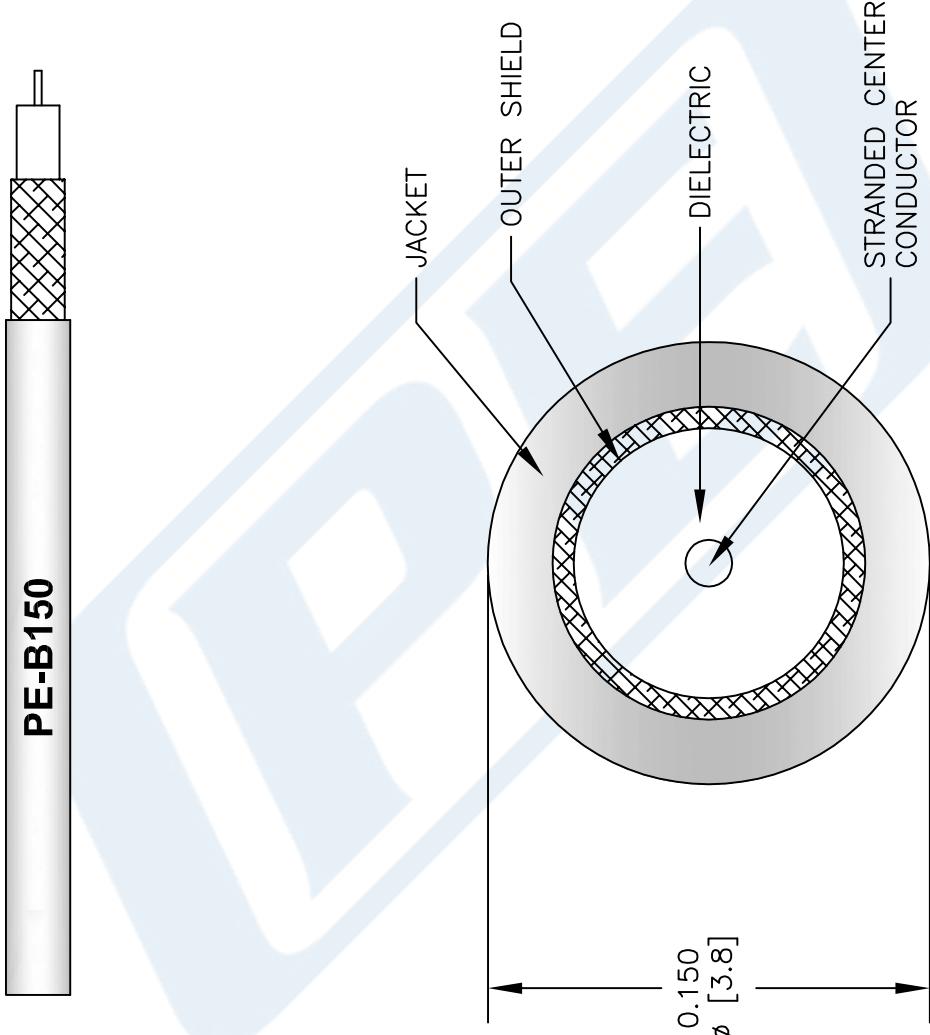
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# PE-B150 CAD Drawing

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



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**PASTERNAK**  
DWG TITLE  
**PE-B150**

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

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