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75 Ohm SMB Positive Snap Plug Right Angle Connector Crimp/Solder Attachment For RG180, RG195

TECHNICAL DATA SHEET PE44446

75 Ohm SMB Positive Snap Plug Right Angle Connector Crimp/Solder Attachment For RG180, RG195

Configuration

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

Electrical Specifications

Impedance, Ohms	75

Mechanical Specifications

Size

Length, in [mm]	0.88 [22.35]
Width/Dia., in [mm]	0.4 [10.16]
Height, in [mm]	0.88 [22.35]
Weight, lbs [g]	0.027 [12.25]

Connector

Type	SMB Positive Snap Plug
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 SMB Positive Snap 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 SMB Positive Snap Plug Right Angle Connector Crimp/Solder Attachment For RG180, RG195 PE44446

URL: http://www.pasternack.com/smb-positive-snap-plug-standard-rg180-rg195-connector-pe44446-p.aspx

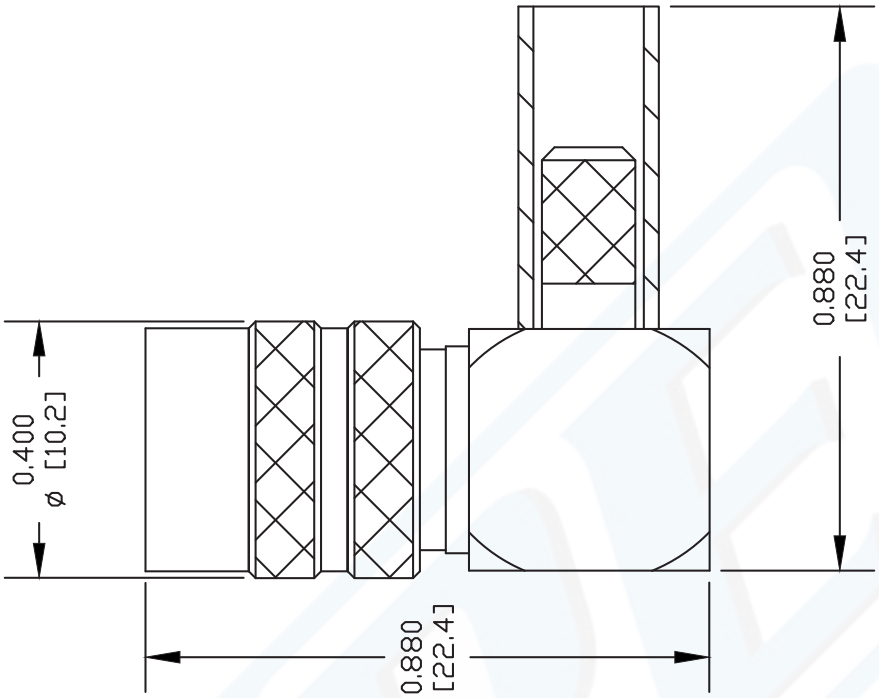
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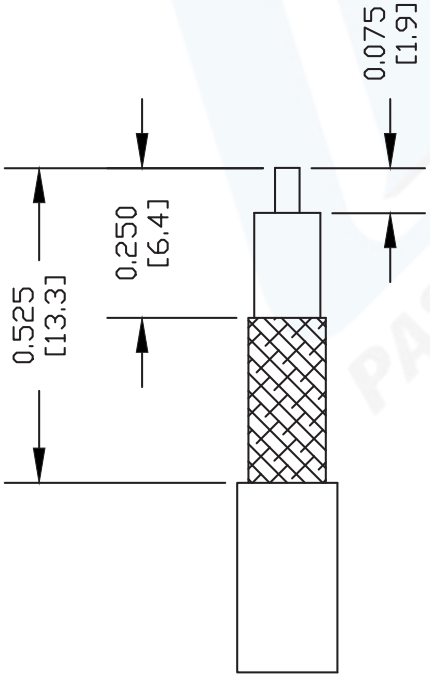
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PE44446 CAD Drawing

75 Ohm SMB Positive Snap 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 & PRESS CAP DOWN.

CRIMP SIZE REQUIRED

FERRULE: .178" HEX CRIMP TOOL

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.

DWG TITLE	CAD FILE	SCALE	SIZE
PE44446	092804	N/A	A

FSCM NO. 53919

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THE ENGINEER'S RF SOURCE



75 Ohm BNC Female Bulkhead Mount Connector Crimp/Solder Attachment for PE-B150, RG180, RG195, .480 inch D Hole

Configuration

- BNC Female Connector
- 75 Ohms
- Straight Body Geometry
- PE-B150, RG180, RG195 Interface Type
- Crimp/Solder Attachment
- Bulkhead

Features

- Gold Plated Brass Contact

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies
- CATV

Description

Pasternack's PE4641 75 ohm BNC female bulkhead connector with crimp/solder attachment for PE-B150, RG180 and RG195 (.480 inch D hole) is part of our full line of RF components available for same-day shipping. This BNC bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our 75 ohm BNC female bulkhead connector PE4641 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Mechanical Specifications

Size

Length	1.43 in [36.32 mm]
Width/Dia.	0.69 in [17.53 mm]
Weight	0.039 lbs [17.69 g]

Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Nickel

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 75 Ohm BNC Female Bulkhead Mount Connector Crimp/Solder Attachment for PE-B150, RG180, RG195, .480 inch D Hole PE4641

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75 Ohm BNC Female Bulkhead Mount Connector Crimp/Solder Attachment for PE-B150, RG180, RG195, .480 inch D Hole

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

75 Ohm BNC Female Bulkhead Mount Connector Crimp/Solder Attachment for PE-B150, RG180, RG195, .480 inch D Hole 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: https://www.pasternack.com/bnc-female-standard-pe-b150-connector-pe4641-p.aspx

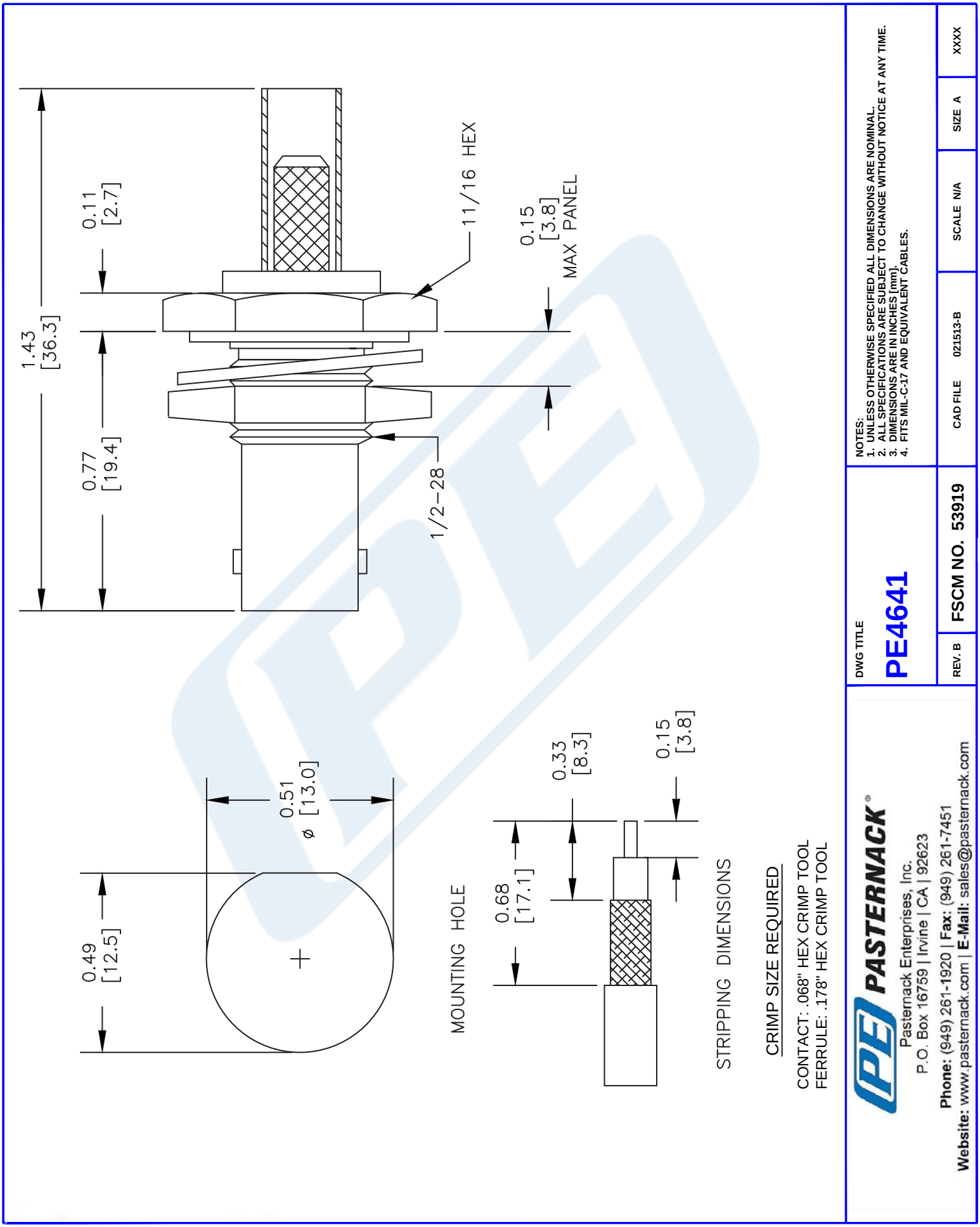
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PE4641 CAD Drawing

75 Ohm BNC Female Bulkhead Mount Connector Crimp/Solder
Attachment for PE-B150, RG180, RG195, .480 inch D Hole



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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.

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

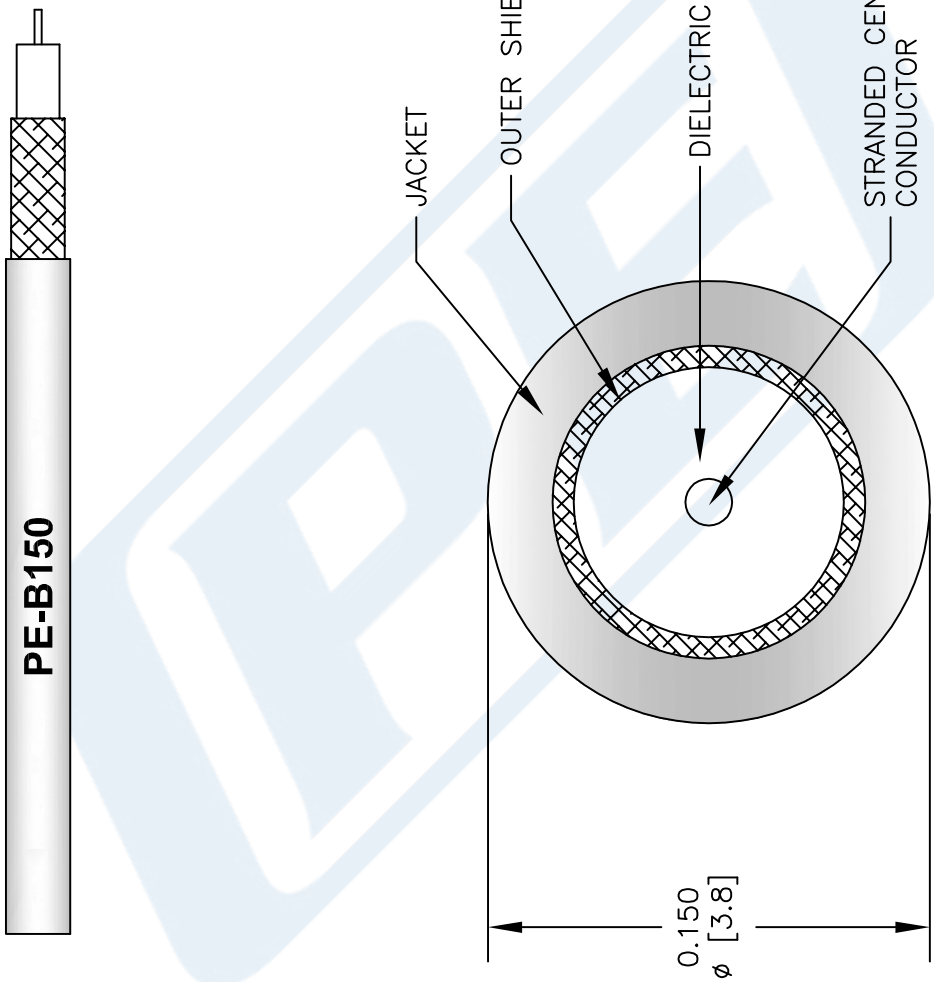
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PE-B150 CAD Drawing

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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