



## BNC Male Right Angle Connector Crimp/Crimp Attachment for RG58, RG303, RG141, PE-C195, PE-P195, LMR-195, 0.195 inch

### RF Connectors Technical Data Sheet

PE4298

#### Configuration

- BNC Male Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry

- RG58, RG303, RG141, PE-C195, PE-P195, LMR-195, 0.195 inch Interface Type
- Crimp/Crimp Attachment

#### Features

- Max. Operating Frequency 3 GHz
- Good VSWR of 1.3:1

- Gold Plated Brass Contact
- 30 µin minimum contact plating

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4298 BNC male right angle connector with crimp/crimp attachment for RG58, RG303, RG141, PE-C195, PE-P195, LMR-195 and 0.195 inch is part of our full line of RF components available for same-day shipping. Our BNC male connector operates up to a maximum frequency of 3 GHz and offers good VSWR of 1.3:1. Its right angle body geometry allows for easier connections in tight spaces.

Our BNC male right angle connector PE4298 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.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR			1.3:1	
Operating Voltage (AC)			500	Vrms

#### Mechanical Specifications

Size	
Length	1.345 in [34.16 mm]
Width/Dia.	0.571 in [14.50 mm]
Height	1.145 in [29.08 mm]
Weight	0.054 lbs [24.49 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Right Angle Connector Crimp/Crimp Attachment for RG58, RG303, RG141, PE-C195, PE-P195, LMR-195, 0.195 inch PE4298](#)



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PE4298

#### Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 $\mu$ in minimum
Insulation	PTFE	
Body	Brass	Nickel 100 $\mu$ in minimum
Coupling Nut	Brass	Nickel 100 $\mu$ in minimum
Crimp Sleeve	Brass	Nickel

#### Environmental Specifications

##### Temperature

Operating Range

-65 to +165 deg C

#### Compliance Certifications (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

BNC Male Right Angle Connector Crimp/Crimp Attachment for RG58, RG303, RG141, PE-C195, PE-P195, LMR-195, 0.195 inch 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.

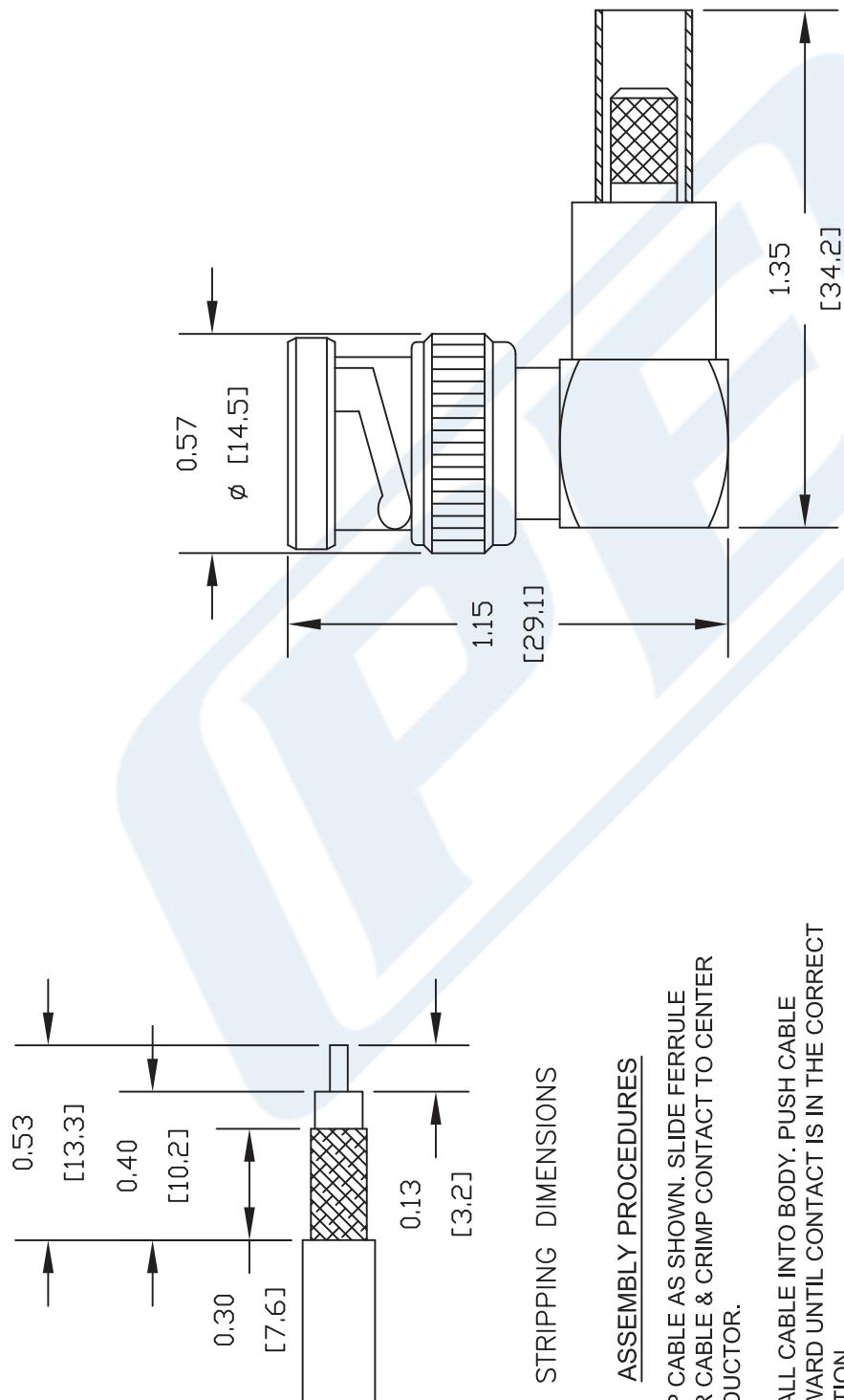
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URL: <https://www.pasternack.com/bnc-male-standard-rg58-connector-pe4298-p.aspx>

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 does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# PE4298 CAD Drawing

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RG303, RG141, PE-C195, PE-P195, LMR-195, 0.195 inch



## ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. SLIDE FERRULE OVER CABLE & CRIMP CONTACT TO CENTER CONDUCTOR.
2. INSTALL CABLE INTO BODY. PUSH CABLE FORWARD UNTIL CONTACT IS IN THE CORRECT POSITION.
3. CRIMP FERRULE

## CRIMP SIZE REQUIRED

CONTACT: .068" HEX CRIMP TOOL  
FERRULE: .213" HEX CRIMP TOOL

**PE PASTERNACK®**

Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623

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Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)

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	PE4298	REV. -	FSCM NO.	53919	CAD FILE	042409	SCALE	N/A	SIZE A	127
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Operating Range

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#### Plotted and Other Data

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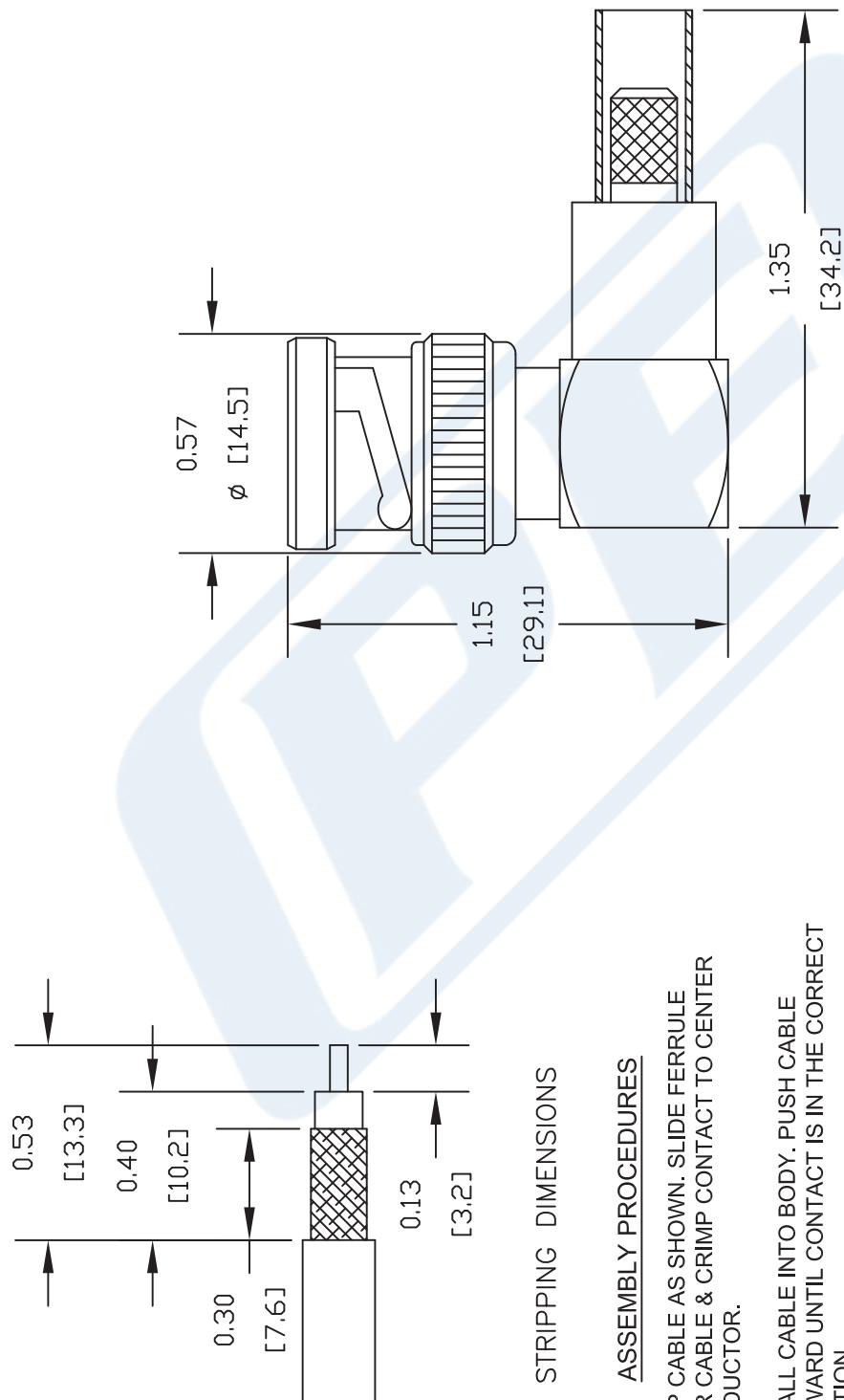
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**PE4298**

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REV. -	FSCM NO.	53919	CAD FILE	042409	SCALE	N/A	SIZE A	127
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## Flexible RG58 Coax Cable Single Shielded with Black PVC (NC) Jacket

### RF Cables Technical Data Sheet

**RG58C/U**

#### Configuration

- Flexible Cable
- 1 Shield(s)

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		5	GHz
Impedance		50		Ohms
Velocity of Propagation		65.9		%
Operating Voltage (AC)			1,900	Vrms
Nominal Capacitance		30.8 [101.05]		pF/ft [pF/m]

#### Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.01	0.1	1	5		GHz
Attenuation, Typ	1.4	4.9	20	60		dB/100ft
	4.59	16.08	65.62	196.85		dB/100m
Input Power (CW), Max			44			Watts

#### Mechanical Specifications

Diameter	0.195 in [4.95 mm]
Weight	0.025 lbs/ft [0.04 Kg/m]
Min. Bend Radius (Installation)	0.98 in [24.89 mm]
Min. Bend Radius (Repeated)	1.96 in [49.78 mm]

#### Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, Tin, 19 Strands	0.036 in [0.91 mm]
Conductor Type	Stranded	
Dielectric	PE	0.116 in [2.95 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG58 Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG58C/U](#)

## Flexible RG58 Coax Cable Single Shielded with Black PVC (NC) Jacket

### RF Cables Technical Data Sheet

RG58C/U

First Shield	Tinned Copper Braid	0.138 in [3.51 mm]
Jacket	PVC (NC), Black	0.195 in [4.95 mm]

#### Environmental Specifications

##### Temperature

Operating Range

-40 to +80 deg C

**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

Flexible RG58 Coax Cable Single Shielded with Black PVC (NC) Jacket from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% 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: [Flexible RG58 Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG58C/U](#)

URL: <https://www.pasternack.com/flexible-0.195-rg58-50-ohm-coax-cable-pvc-jacket-rg58c-u-p.aspx>

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# RG58C/U CAD Drawing

Flexible RG58 Coax Cable Single Shielded with Black PVC (NC) Jacket



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DWG TITLE

RG58C/U

STANDARD TOLERANCES  
ONLY TO DIMENSIONS IN INCHES

X  $\pm 0.2$   
.XX  $\pm 0.01$   
.XXX  $\pm 0.005$

SCALE N/A

SIZE A

7361