



N Female Connector Crimp/Solder Attachment for PE-C195, PE-P195, RG58, RG141, RG303, LMR-195, 0.195 inch

## RF Connectors Technical Data Sheet

PE44532

### Configuration

- N Female Connector
- 50 Ohms
- Straight Body Geometry
- PE-C195, PE-P195, RG58, RG141, RG303, LMR-195, 0.195 inch Interface Type
- Crimp/Solder Attachment

### Features

- Max. Operating Frequency 11 GHz
- Gold Plated Phosphor Bronze Contact

### Applications

- General Purpose Test
- Custom Cable Assemblies

### Description

Pasternack's PE44532 type N female connector with crimp/solder attachment for PE-C195, PE-P195, RG58, RG141, RG303, LMR-195 and 0.195 inch is part of our full line of RF components available for same-day shipping. Our type N female connector operates up to a maximum frequency of 11 GHz.

Our type N female connector PE44532 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		11	GHz

### Mechanical Specifications

Size	
Length	1.45 in [36.83 mm]
Width/Dia.	0.67 in [17.02 mm]
Weight	0.11 lbs [49.9 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Connector Crimp/Solder Attachment for PE-C195, PE-P195, RG58, RG141, RG303, LMR-195, 0.195 inch PE44532](#)



N Female Connector Crimp/Solder Attachment for PE-C195,  
 PE-P195, RG58, RG141, RG303, LMR-195, 0.195 inch

## RF Connectors Technical Data Sheet

PE44532

### Material Specifications

Description	Material	Plating
Contact	Phosphor Bronze	Gold
Insulation	PTFE	
Body	Brass	Tri-Metal

### Environmental Specifications

#### Temperature

Operating Range

-65 to +165 deg C

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

### Plotted and Other Data

Notes:

N Female Connector Crimp/Solder Attachment for PE-C195, PE-P195, RG58, RG141, RG303, 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/n-female-standard-pe-c195-0.195-connector-pe44532-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.

# PE44532 CAD Drawing

N Female Connector Crimp/Solder Attachment for PE-C195, PE-P195, RG58, RG141, RG303, LMR-195, 0.195 inch

	<table border="1"><thead><tr><th colspan="4">NOTES:</th></tr><tr><td>1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.</td><td>2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.</td><td>3. DIMENSIONS ARE IN INCHES [mm].</td><td>4. FITS MIL-C-17 AND EQUIVALENT CABLES.</td></tr></thead><tbody><tr><td><b>PASTERNACK</b> Pasternack Enterprises, Inc. P.O. Box 16759   Irvine   CA   92623 Phone: (949) 261-1920   Fax: (949) 261-7451 Website: <a href="http://www.pasternack.com">www.pasternack.com</a>   E-Mail: <a href="mailto:sales@pasternack.com">sales@pasternack.com</a></td><td><b>DWG TITLE</b> <b>PE44532</b></td><td><b>FSCM NO.</b> 53919 <b>CAD FILE</b> 032213-B <b>SCALE</b> N/A <b>SIZE</b> A</td><td>2233</td></tr></tbody></table>	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.	<b>PASTERNACK</b> Pasternack Enterprises, Inc. P.O. Box 16759   Irvine   CA   92623 Phone: (949) 261-1920   Fax: (949) 261-7451 Website: <a href="http://www.pasternack.com">www.pasternack.com</a>   E-Mail: <a href="mailto:sales@pasternack.com">sales@pasternack.com</a>	<b>DWG TITLE</b> <b>PE44532</b>	<b>FSCM NO.</b> 53919 <b>CAD FILE</b> 032213-B <b>SCALE</b> N/A <b>SIZE</b> A	2233
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**N Female Connector Crimp/Solder Attachment 4 Hole Flange For RG58, .718 inch Hole Spacing**
**TECHNICAL DATA SHEET**
**PE44069**
**N Female Connector Crimp/Solder Attachment 4 Hole Flange For RG58, .718 inch Hole Spacing**
**Configuration**

Connector	N Female
Connector Specification	MIL-STD-348A
Connector Interface Type	RG58
Cable Attachment Method (Shield/Contact)	Crimp/Solder
Body Style	Straight
Mount Method	4 Hole Flange

**Electrical Specifications**

Frequency Range, GHz	DC to 11
Impedance, Ohms	50
Maximum Operating Voltage, Volts	1,000
Dielectric Withstanding Voltage, Vrms	1,500

**Mechanical Specifications**

Temperature	
Operating Range, deg C	-65 to +165

**Size**

Length, in [mm]	1.375 [34.93]
Width/Dia., in [mm]	1 [25]
Height, in [mm]	1 [25.4]
Weight, lbs [g]	0.068 [30.84]

**Connector**

Type	N Female
Contact Material and Plating	Brass, Gold
Contact Plating Specification	30 $\mu$ in. minimum
Body Material and Plating	Brass, Nickel
Body Plating Specification	100 $\mu$ in. minimum
Dielectric Type	Teflon

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
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**Plotted and Other Data**

Notes:	Values at 25 °C, sea level
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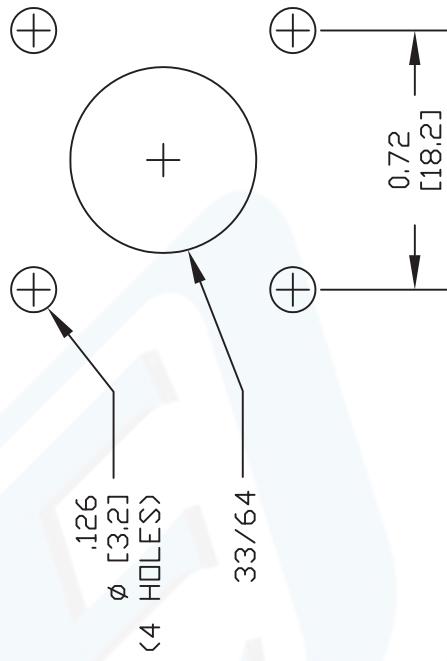
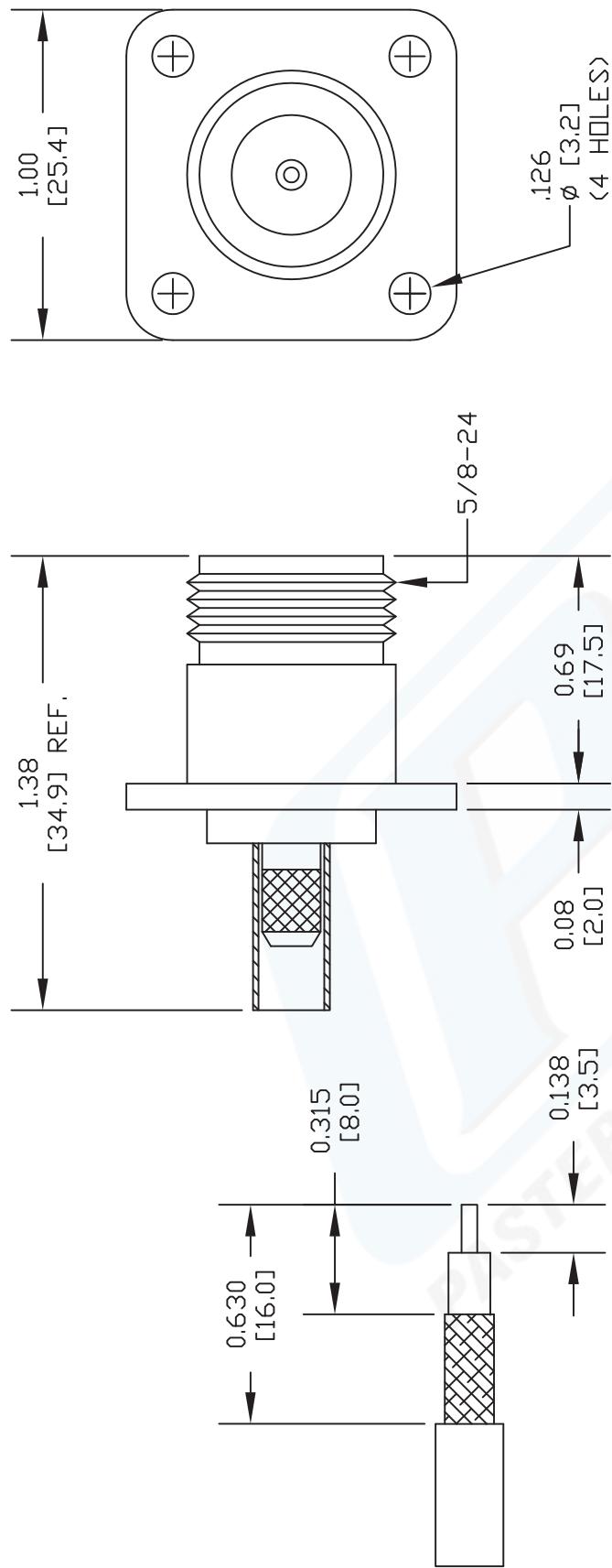
URL: <http://www.pasternack.com/n-female-standard-rg58-connector-pe44069-p.aspx>

N Female Connector Crimp/Solder Attachment 4 Hole Flange For RG58, .718 inch Hole Spacing from Pasternack Enterprises has same day shipment for domestic and International orders. We maintain 99% availability of the industry's broadest selection of RF, microwave and fiber optic products.

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# PE44069 CAD Drawing

N Female Connector Crimp/Solder Attachment 4 Hole Flange For RG58, .718 inch Hole Spacing



## MOUNTING HOLES

NOTES:  
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DWG TITLE	PE44069	CAD FILE	012213-A	SCALE	N/A	SIZE	A	2231
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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.

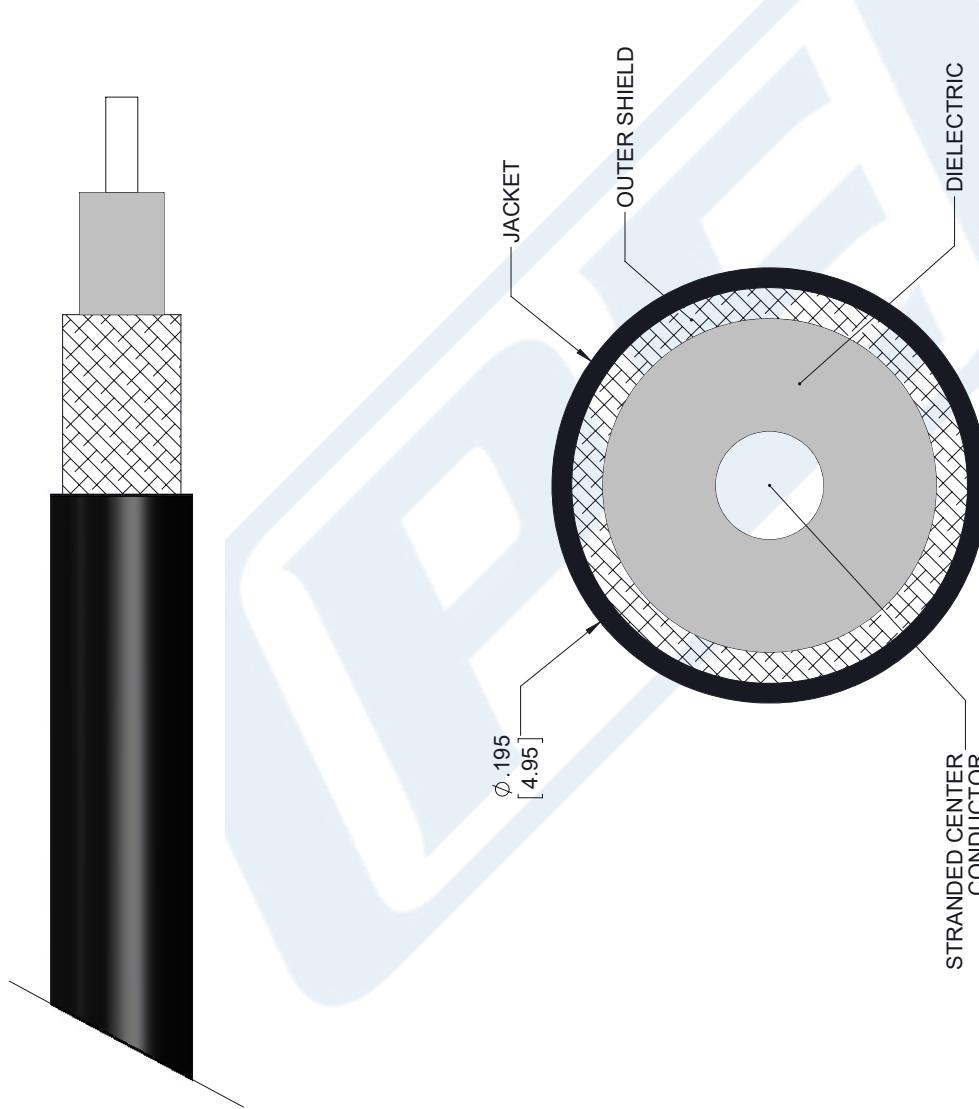
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG58 Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG58C/U](#)

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