



N Male Right Angle Connector Crimp/Solder Attachment for RG58

RF Connectors Technical Data Sheet

PE4485

**Configuration**

- N Male Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry
- RG58 Interface Type
- Crimp/Solder Attachment

**Electrical Specifications**

| Description                   | Minimum | Typical | Maximum | Units |
|-------------------------------|---------|---------|---------|-------|
| Frequency Range               | DC      |         | 1,000   | MHz   |
| VSWR                          |         |         | 1.5:1   |       |
| Operating Voltage (AC)        |         |         | 1,000   | Vrms  |
| Inner Conductor DC Resistance |         |         | 1       | mOhms |
| Outer Conductor DC Resistance |         |         | 1       | mOhms |
| Insulation Resistance         | 5,000   |         |         | MOhms |

**Mechanical Specifications**

Weight 0.137 lbs [62.14 g]

**Material Specifications**

| Description  | Material | Plating |
|--------------|----------|---------|
| Contact      | Brass    | Gold    |
| Insulation   | Teflon   |         |
| Body         | Brass    | Nickel  |
| Coupling Nut | Brass    | Nickel  |
| Gasket       | Silicone |         |
| Crimp Sleeve | Brass    | Nickel  |

**Environmental Specifications**

**Temperature**

Operating Range -65 to 165 deg C

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

RoHS Compliant

REACH Compliant 12/17/2015

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Right Angle Connector Crimp/Solder Attachment for RG58 PE4485](#)



## N Male Right Angle Connector Crimp/Solder Attachment for RG58

### RF Connectors Technical Data Sheet

PE4485

#### Plotted and Other Data

Notes:

N Male Right Angle Connector Crimp/Solder Attachment for RG58 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.

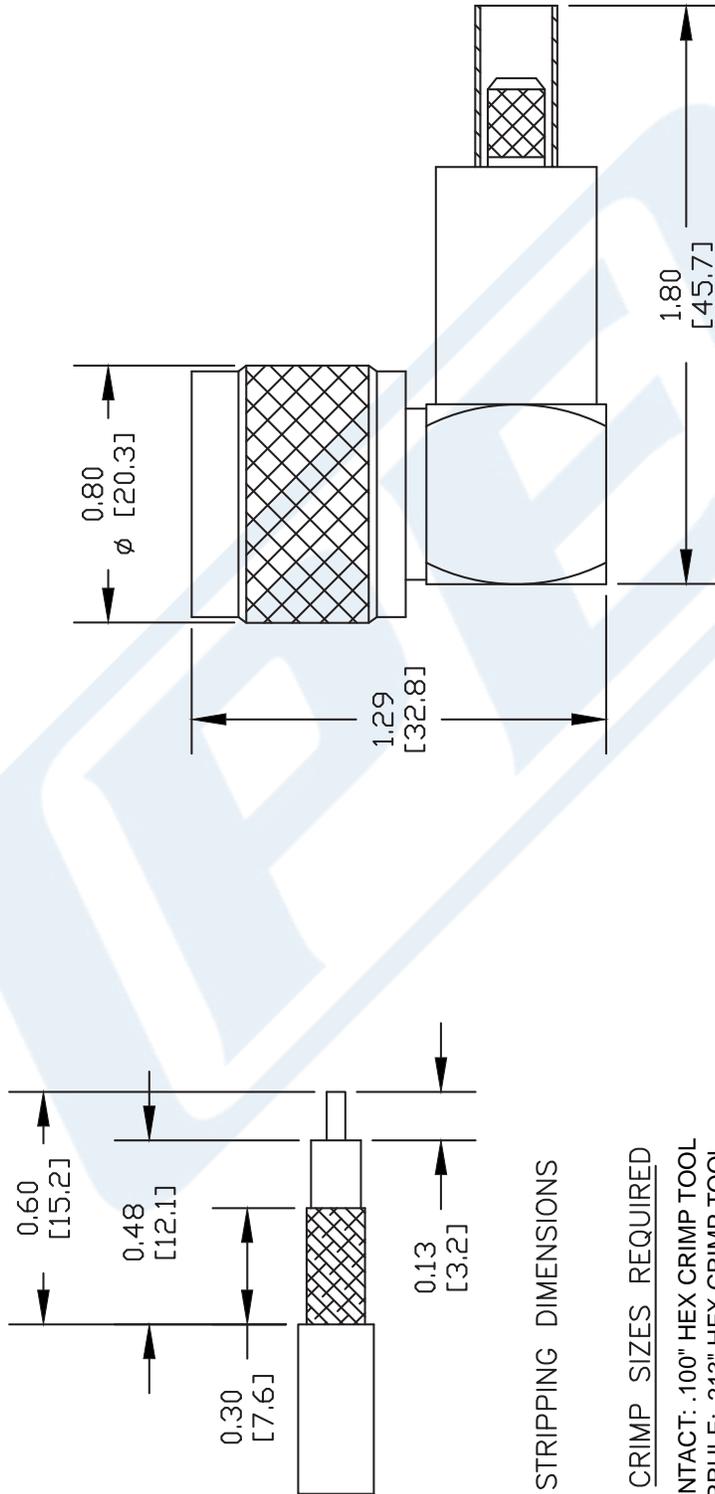
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Right Angle Connector Crimp/Solder Attachment for RG58 PE4485](http://www.pasternack.com/n-male-rg58-connector-pe4485-p.aspx)

URL: <http://www.pasternack.com/n-male-rg58-connector-pe4485-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.

# PE4485 CAD Drawing

N Male Right Angle Connector Crimp/Solder Attachment for RG58



STRIPPING DIMENSIONS

CRIMP SIZES REQUIRED

CONTACT: .100" HEX CRIMP TOOL

FERRULE: .213" HEX CRIMP TOOL



**PASTERNAK®**  
 Pasternack Enterprises, Inc.  
 P.O. Box 16759 | Irvine | CA | 92623  
 Phone: (949) 261-1920 | Fax: (949) 261-7451  
 Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)

DWG TITLE

**PE4485**

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

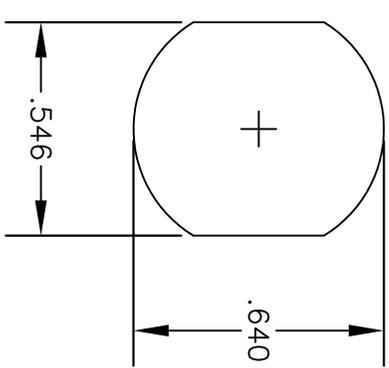
CAD FILE 122904

SCALE N/A

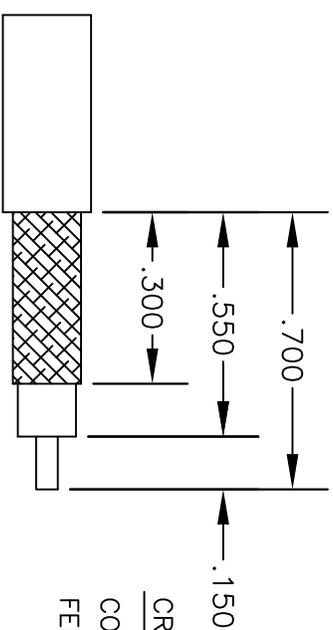
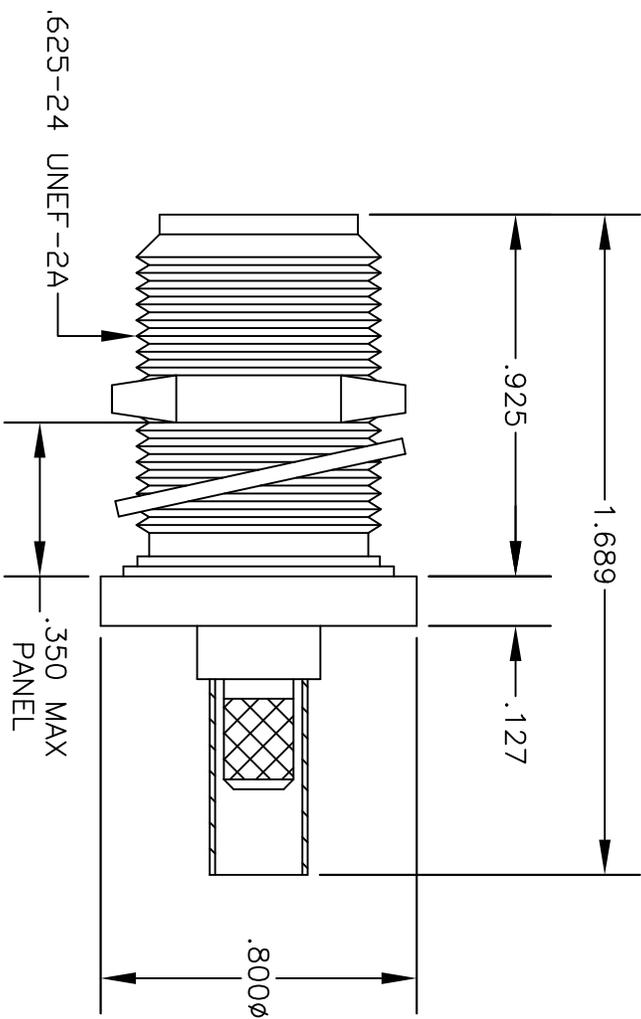
SIZE A

127

|                  |                     |
|------------------|---------------------|
| <b>MATERIALS</b> |                     |
| BODY             | BRASS NICKEL PLATED |
| CONTACT          | GOLD PLATED         |
| INSULATOR        | PTFE                |



MOUNTING HOLE



STRIPPING DIMENSIONS

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 FERRULE: .213" HEX CRIMP TOOL



**PASTERNAK ENTERPRISES**  
 ESTABLISHED 1972

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**COAXIAL & FIBER OPTICS**

DES. N FEMALE, BULKHEAD, CRIMP ATTACHMENT FOR RG58

|           |                |                 |           |
|-----------|----------------|-----------------|-----------|
| DWG TITLE | <b>PE4440</b>  |                 |           |
| SIZE A    | FSCM NO. 53919 | CAD FILE 092202 | SCALE N/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:

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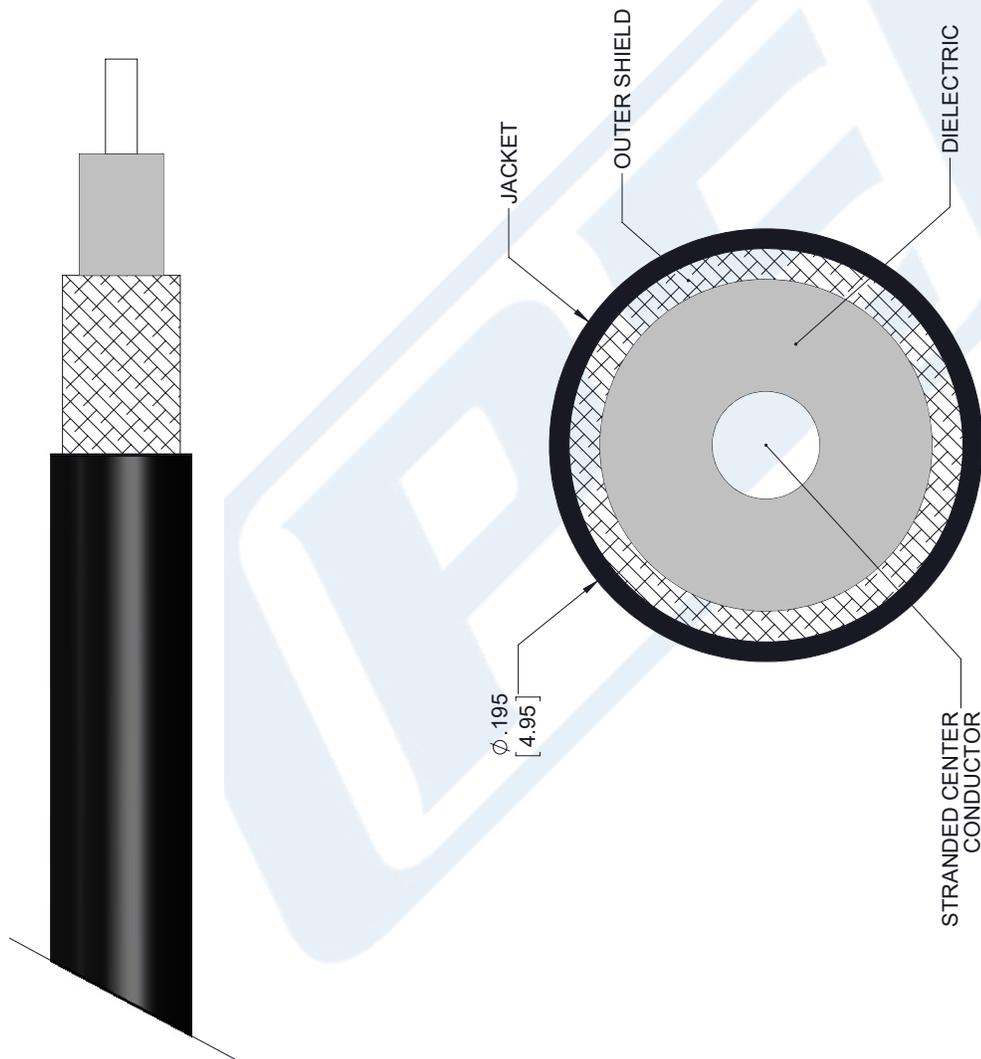
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URL: <https://www.pasternack.com/flexible-0.195-rg58-50-ohm-coax-cable-pvc-jacket-rg58c-u-p.aspx>

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# RG58C/U CAD Drawing

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



## SECTION VIEW

| STANDARD TOLERANCES |        |
|---------------------|--------|
| .X                  | ±0.2   |
| .XX                 | ±0.01  |
| .XXX                | ±0.005 |

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



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CAGE CODE 53919

CAD FILE 091817

SCALE N/A

SIZE A

7361