



D-Sub Receptacle Right Angle Contact Crimp/ Solder Attachment For RG58, RG141, RG303

TECHNICAL DATA SHEET

PE4816

D-Sub Receptacle Right Angle Contact Crimp/Solder Attachment For RG58, RG141, RG303

Configuration

| | |
|--|--------------------|
| Connector | D-Sub Receptacle |
| Connector Interface Type | RG58, RG141, RG303 |
| Cable Attachment Method (Shield/Contact) | Crimp/Solder |
| Body Style | Right Angle |

Electrical Specifications

| | |
|-----------------|----|
| Impedance, Ohms | 50 |
|-----------------|----|

Mechanical Specifications

| | |
|-----------------|---------------|
| Size | |
| Length, in [mm] | 0.755 [19.18] |
| Height, in [mm] | 0.715 [18.16] |
| Weight, lbs [g] | 0.006 [2.72] |

Connector

| | |
|------------------------------|------------------|
| Type | D-Sub Receptacle |
| Contact Material and Plating | Gold |
| Body Material and Plating | Brass, Gold |
| Dielectric Type | PTFE |

Compliance Certifications

(visit www.Pasternack.com for current document)

Plotted and Other Data

| | |
|--------|----------------------------|
| Notes: | Values at 25 °C, sea level |
|--------|----------------------------|

D-Sub Receptacle Right Angle Contact Crimp/Solder Attachment For RG58, RG141, RG303 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.

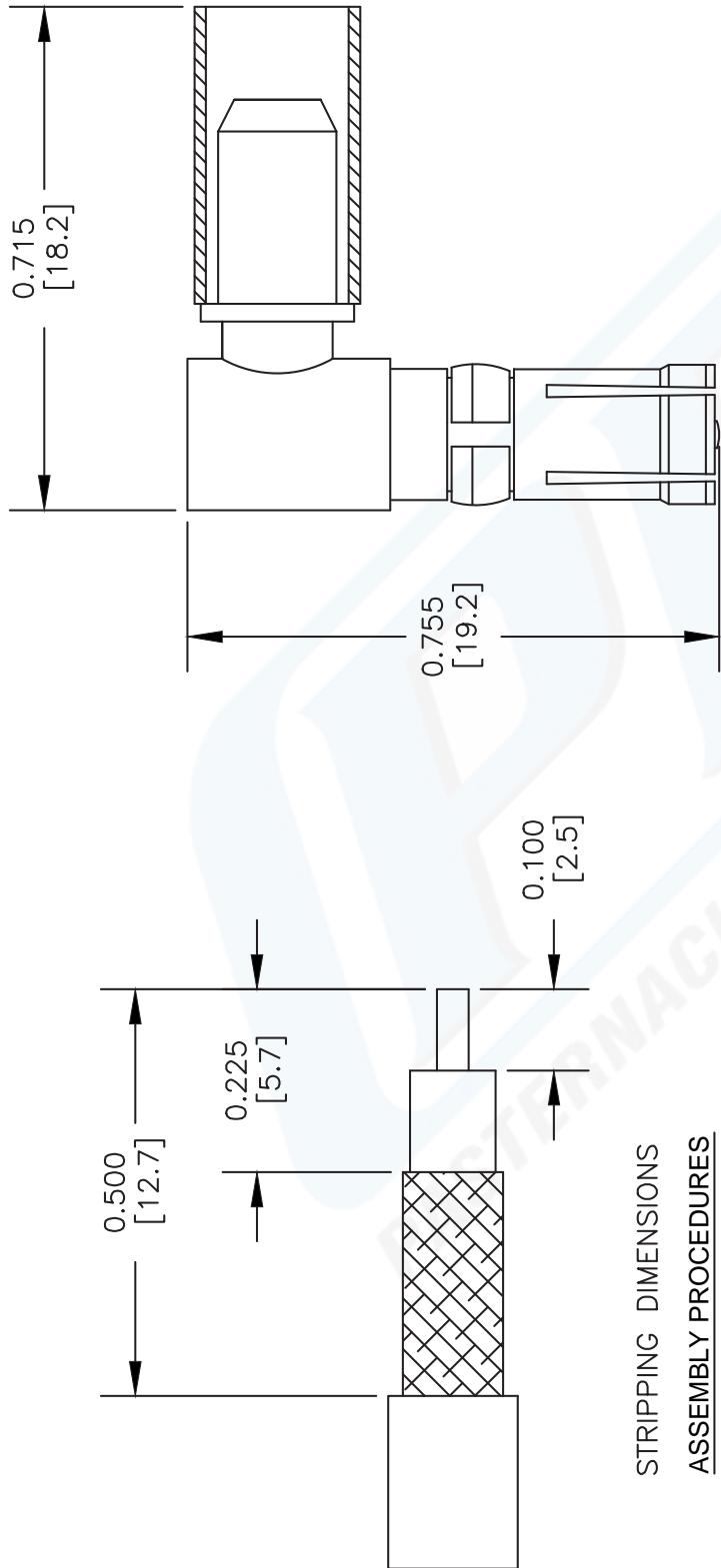
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [D-Sub Receptacle Right Angle Contact Crimp/Solder Attachment For RG58, RG141, RG303 PE4816](http://www.pasternack.com/d-sub-receptacle-right-angle-contact-crimp-solder-attachment-for-rg58-rg141-rg303-connector-pe4816-p.aspx)

URL: <http://www.pasternack.com/d-sub-receptacle-standard-rg58-rg141-rg303-connector-pe4816-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.

PE4816 CAD Drawing

D-Sub Receptacle Right Angle Contact Crimp/Solder
Attachment For RG58, RG141, RG303



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 & SOLDER CAP IN PLACE.

CRIMP SIZE REQUIRED

FERRULE: .213" HEX CRIMP TOOL



Pasternack Enterprises, Inc.

P.O. Box 16759 | Irvine | CA | 92623

Phone: (949) 261-1920 | Fax: (949) 261-7451

Website: www.pasternack.com | E-Mail: sales@pasternack.com

DWG TITLE
PE4816

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.

| FSM NO. | CAD FILE | SCALE N/A | SIZE A | 127 |
|---------|----------|-----------|--------|-----|
| 53919 | 061002 | | | |



D-Sub Receptacle Right Angle Contact Crimp/ Solder Attachment For RG58, RG141, RG303

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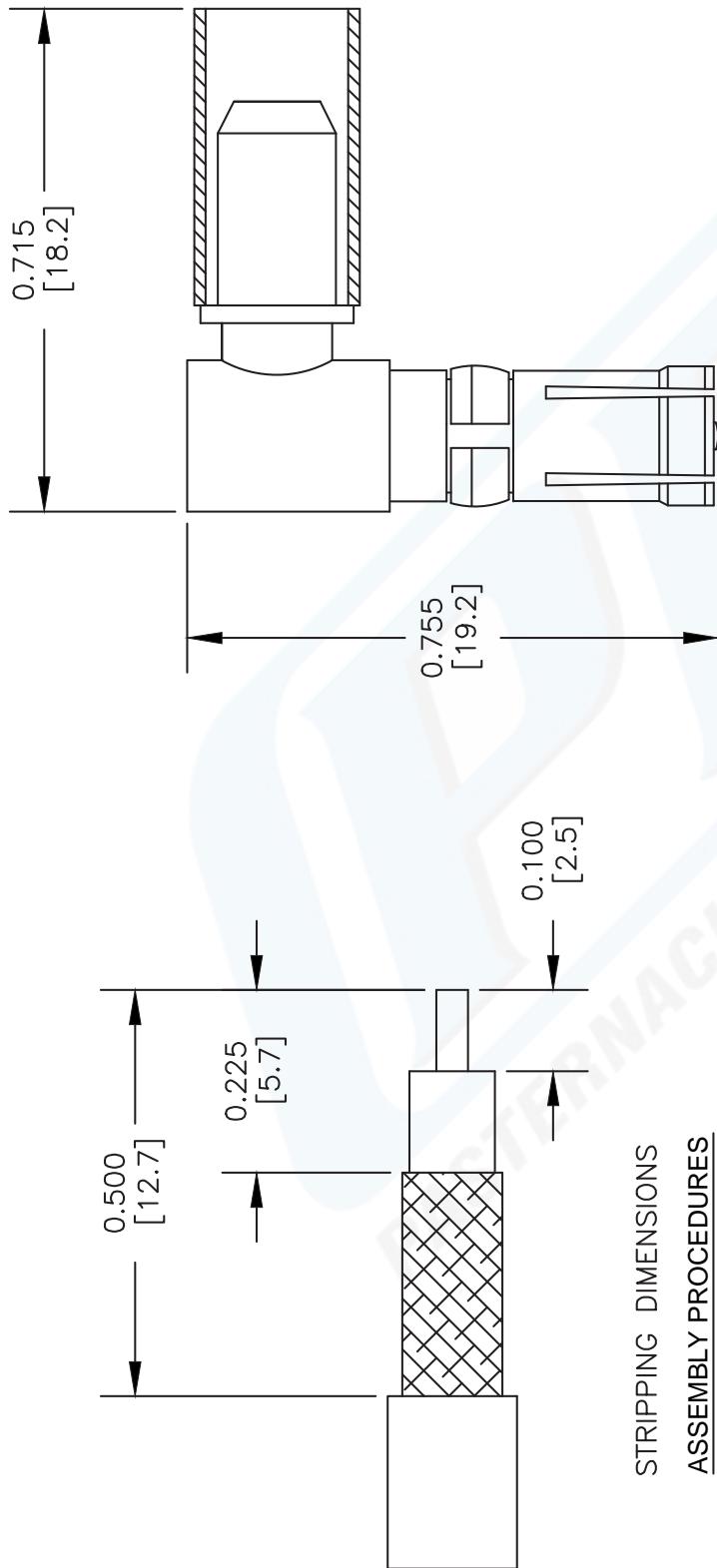
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URL: <http://www.pasternack.com/d-sub-receptacle-standard-rg58-rg141-rg303-connector-pe4816-p.aspx>

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PE4816 CAD Drawing

D-Sub Receptacle Right Angle Contact Crimp/Solder
Attachment For RG58, RG141, RG303



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| FSM NO. | CAD FILE | SCALE N/A | SIZE A | 127 |
|---------|----------|-----------|--------|-----|
| 53919 | 061002 | | | |

Flexible RG141 Coax Cable Single Shielded with Beige PTFE (Fiberglass reinforced) Jacket

RF Cables Technical Data Sheet

RG141A/U

Configuration

- Flexible Cable
- 1 Shield(s)

Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|--------------------------------------|---------|--------------|---------|--------------|
| Frequency Range | DC | | 10 | GHz |
| Impedance | | 50 ±2 | | Ohms |
| Velocity of Propagation | | 70 | | % |
| Dielectric Withstanding Voltage (AC) | | | 5,000 | Vrms |
| Jacket Spark | | | 2,000 | Vrms |
| Nominal Capacitance | | 29.4 [96.46] | | pF/ft [pF/m] |

Performance by Frequency Band

| Description | F1 | F2 | F3 | F4 | F5 | Units |
|------------------|------|------|-------|--------|--------|----------|
| Frequency | 0.01 | 0.1 | 1 | 5 | 10 | GHz |
| Attenuation, Typ | 1.2 | 3.9 | 13 | 36 | 62 | dB/100ft |
| | 3.94 | 12.8 | 42.65 | 118.11 | 203.41 | dB/100m |

Mechanical Specifications

| | |
|----------|--------------------------|
| Diameter | 0.19 in [4.83 mm] |
| Weight | 0.033 lbs/ft [0.05 Kg/m] |

Construction Specifications

| Description | Material and Plating | Diameter |
|-----------------|--------------------------------------|--------------------|
| Inner Conductor | Copper Clad Steel, Silver, 1 Strands | 0.037 in [0.94 mm] |
| Conductor Type | Solid | |
| Dielectric | PTFE | 0.116 in [2.95 mm] |
| First Shield | Silver Plated Copper | |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG141 Coax Cable Single Shielded with Beige PTFE \(FG\) Jacket RG141A/U](#)

Flexible RG141 Coax Cable Single Shielded with Beige PTFE (Fiberglass reinforced) Jacket

RF Cables Technical Data Sheet

RG141A/U

| | | |
|--------|------------------|-------------------|
| Jacket | PTFE (FG), Beige | 0.19 in [4.83 mm] |
|--------|------------------|-------------------|

Environmental Specifications

Temperature

Operating Range

-55 to +200 deg C

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

Plotted and Other Data

Notes:

Flexible RG141 Coax Cable Single Shielded with Beige PTFE (Fiberglass reinforced) 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.

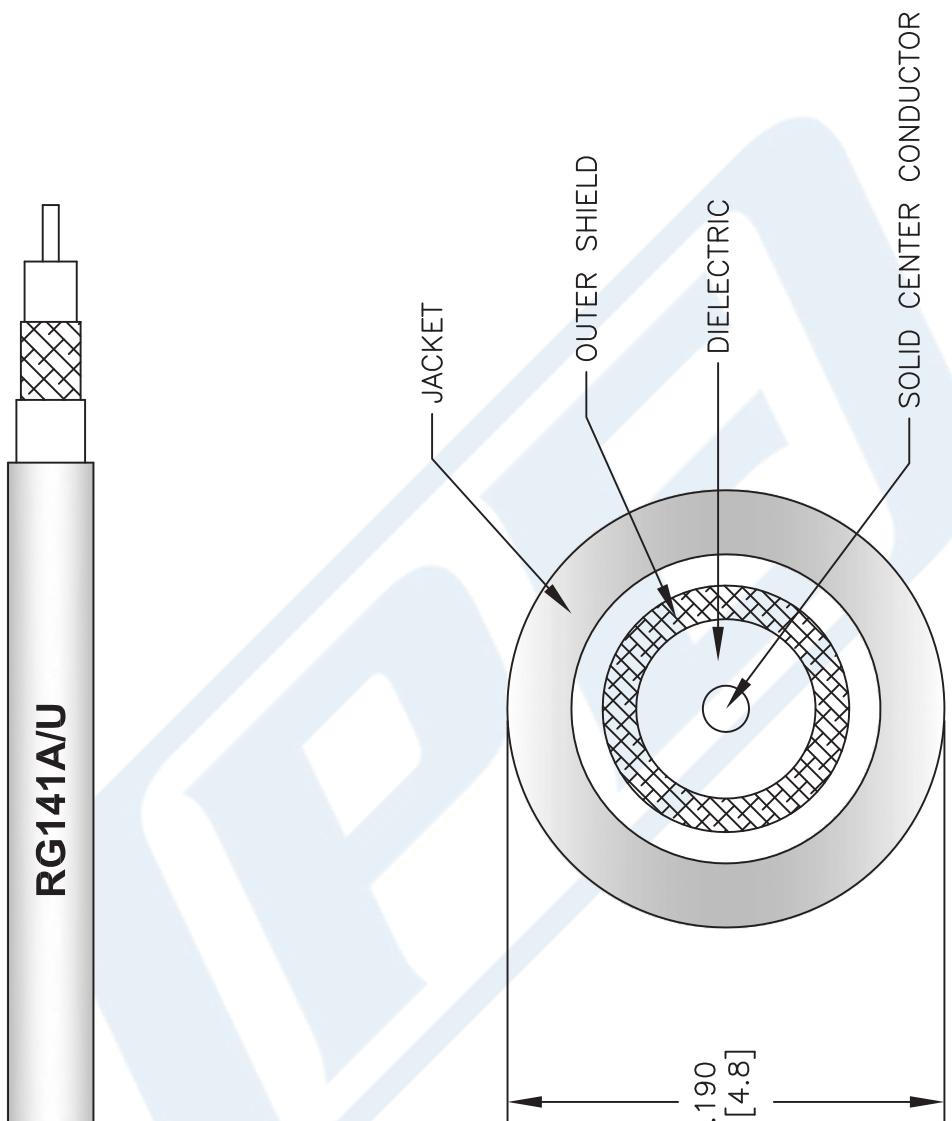
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG141 Coax Cable Single Shielded with Beige PTFE \(FG\) Jacket RG141A/U](#)

URL: <https://www.pasternack.com/flexible-0.190-rg141-50-ohm-coax-cable-ptfe-fr-jacket-rg141a-u-p.aspx>

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RG141A/U CAD Drawing

Flexible RG141 Coax Cable Single Shielded with Beige
PTFE (Fiberglass reinforced) Jacket



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2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
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| DWG TITLE | |
|-----------|----------|
| REV. A | RG141A/U |

| REV. A | FSCM NO. | CAD FILE | SCALE | SIZE | A |
|--------|----------|----------|-------|------|-----|
| | 53919 | 02808-A | N/A | | 147 |

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| PE PASTERNACK® Pasternack Enterprises, Inc. P.O. Box 16759 Irvine CA 92623 Phone: (949) 261-1920 Fax: (949) 261-7451 Website: www.pasternack.com E-Mail: sales@pasternack.com | 3 |
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