



RP TNC Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393, RG215

RF Connectors Technical Data Sheet

PE4675

Configuration

- TNC Male Reverse Polarity Connector
- MIL-STD-348
- 50 Ohms
- Right Angle Body Geometry
- RG213, RG214, RG8, RG9, RG225, RG393, RG215 Interface Type
- Clamp/Solder Attachment

Features

- Silver Plated Contact
- Contact plating according to QQ-S-365
- Reverse Polarity

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4675 RP TNC male right angle connector with clamp/solder attachment for RG213, RG214, RG8, RG9, RG225, RG393 and RG215 is part of our full line of RF components available for same-day shipping. The male reverse polarity configuration uses a male connector body with a female inner contact receptacle. Its right angle body geometry allows for easier connections in tight spaces.

Our reverse polarity TNC male right angle connector PE4675 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 | 1.84 in [46.74 mm] |
| Width/Dia. | 0.75 in [19.05 mm] |
| Height | 1.16 in [29.46 mm] |
| Weight | 0.165 lbs [74.84 g] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [RP TNC Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393, RG215 PE4675](#)



RP TNC Male Right Angle Connector Clamp/Solder Attachment
for RG213, RG214, RG8, RG9, RG225, RG393, RG215

RF Connectors Technical Data Sheet

PE4675

Material Specifications

| Description | Material | Plating |
|--------------|----------|--------------------|
| Contact | | Silver QQ-S-365 |
| Insulation | PTFE | |
| Body | Brass | Nickel QQ-N-290 |
| Coupling Nut | Brass | Nickel QQ-N-290 |

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

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

Plotted and Other Data

Notes:

RP TNC Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393, RG215 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: [RP TNC Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393, RG215 PE4675](#)

URL: <https://www.pasternack.com/tnc-male-reverse-polarity-rg213-rg214-rg8-rg9-rg225-rg393-connector-pe4675-p.aspx>

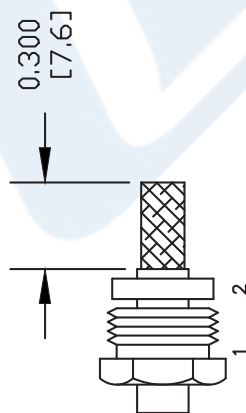
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such 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.

PE4675 CAD Drawing

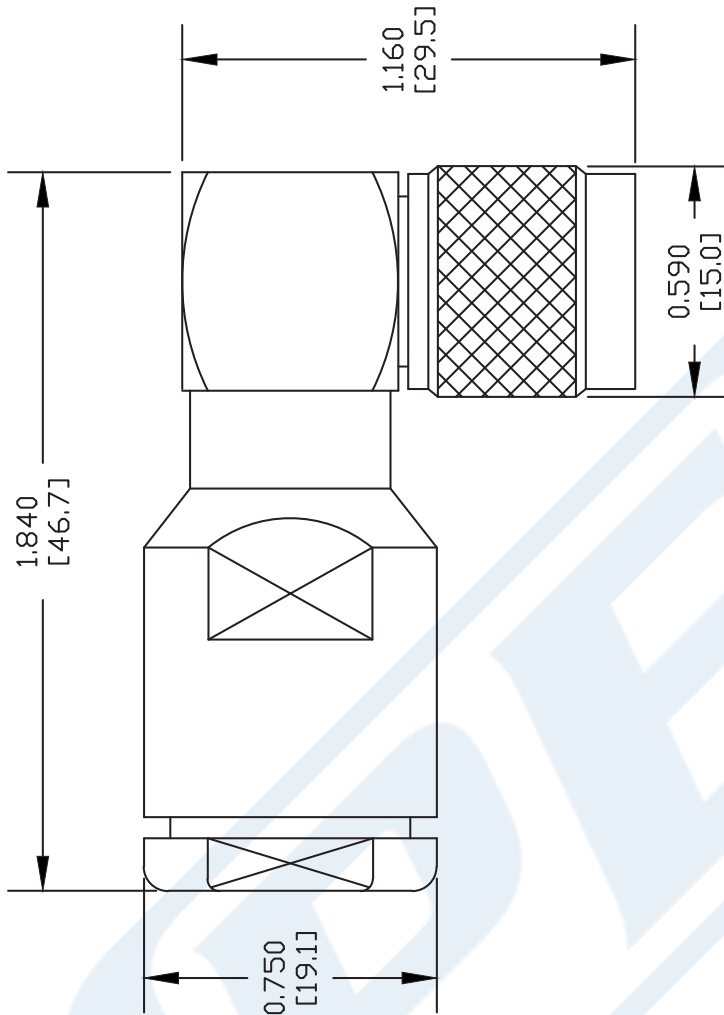
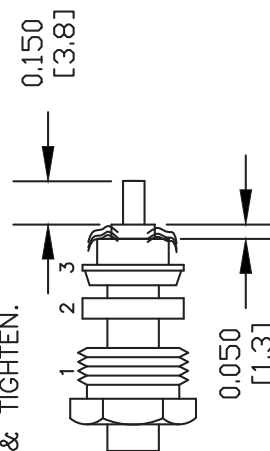
RP TNC Male Right Angle Connector Clamp/Solder Attachment
for RG213, RG214, RG8, RG9, RG225, RG393, RG215

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1) & GASKET (2) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (3) SLIDE BRAID CLAMP(3) OVER BRAID & SEAT AGAINST CABLE.



2. FORM BRAID OVER CLAMP NUT (3). TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR. SOLDER CONTACT TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.



DWG TITLE

PE4675

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.

FSCM NO. 53919

CAD FILE 053102

SCALE N/A

SIZE A

XXXX

PE PASTERNAK®

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RP TNC Female Connector Clamp/Solder Attachment for RG213, RG8, RG215, RG225, RG214, RG393

RF Connectors Technical Data Sheet

PE4683

Configuration

- TNC Female Reverse Polarity Connector
- 50 Ohms
- Straight Body Geometry
- RG213, RG8, RG215, RG225, RG214, RG393 Interface Type
- Clamp/Solder Attachment

Features

- Silver Plated Contact
- Reverse Polarity

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4683 RP TNC female connector with clamp/solder attachment for RG213, RG8, RG215, RG225, RG214 and RG393 is part of our full line of RF components available for same-day shipping. The female reverse polarity configuration uses a female connector body with a male inner contact pin.

Our reverse polarity TNC female connector PE4683 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 | 1.525 in [38.74 mm] |
| Width/Dia. | 0.75 in [19.05 mm] |
| Weight | 0.089 lbs [40.37 g] |

Material Specifications

| Description | Material | Plating |
|-------------|----------|---------|
| Contact | | Silver |
| 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: [RP TNC Female Connector Clamp/Solder Attachment for RG213, RG8, RG215, RG225, RG214, RG393 PE4683](#)



RP TNC Female Connector Clamp/Solder Attachment for RG213, RG8, RG215, RG225, RG214, RG393

RF Connectors Technical Data Sheet

PE4683

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

Plotted and Other Data

Notes:

RP TNC Female Connector Clamp/Solder Attachment for RG213, RG8, RG215, RG225, RG214, RG393 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: [RP TNC Female Connector Clamp/Solder Attachment for RG213, RG8, RG215, RG225, RG214, RG393 PE4683](#)

URL: <https://www.pasternack.com/tnc-female-reverse-polarity-rg213-rg214-rg8-rg9-rg225-rg393-connector-pe4683-p.aspx>

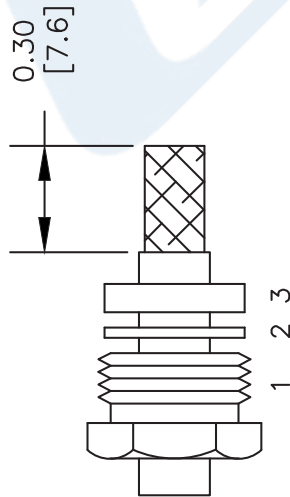
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PE4683 CAD Drawing

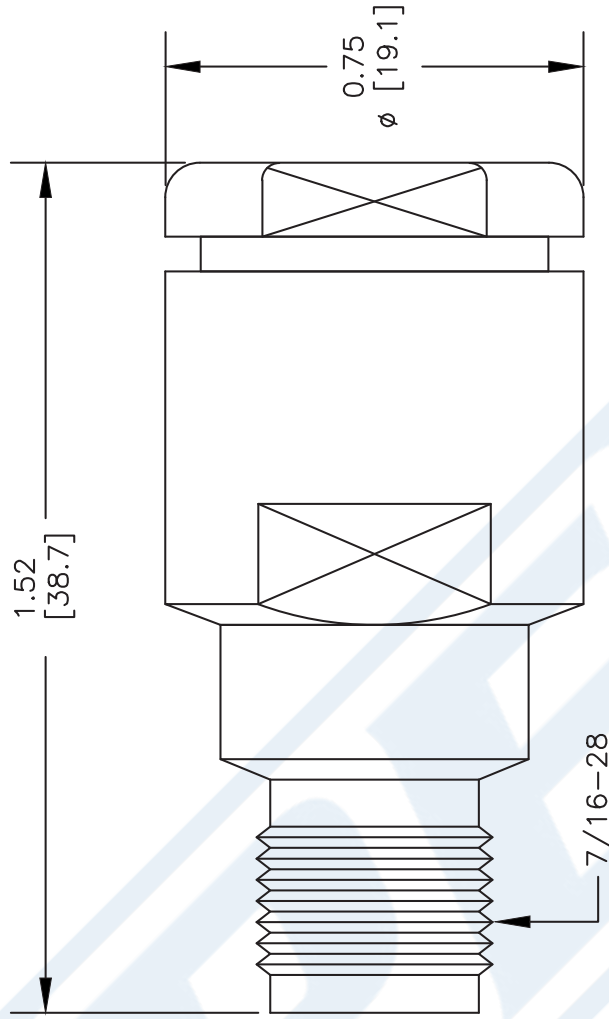
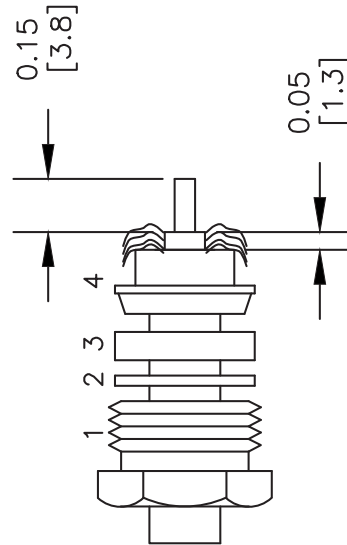
RP TNC Female Connector Clamp/Solder Attachment for
RG213, RG8, RG215, RG225, RG214, RG393

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (4). SLIDE BRAID CLAMP (4) OVER BRAID & SEAT AGAINST CABLE.



2. FORM BRAID OVER CLAMP NUT (4). TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC & CENTER CONDUCTOR TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR. SOLDER CONTACT TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN



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DWG TITLE

PE4683

FSCM NO. 53919

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3. DIMENSIONS ARE IN INCHES [mm].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

CAD FILE 060302

SCALE N/A

SIZE A

XXX



Flexible RG8 Coax Cable Single Shielded
with Black PVC (NC) Jacket

TECHNICAL DATA SHEET

RG8A/U

Flexible RG8 Coax Cable Single Shielded with Black PVC (NC) Jacket

Configuration

| | |
|--------------------------------------|-----------------|
| Inner Conductor Material and Plating | Copper |
| Dielectric Type | PE (LD) |
| Shield Materials | Copper Braid |
| Jacket Material and Color | PVC (NC), Black |

Electrical Specifications

| | |
|----------------------------------|---------------|
| Impedance, Ohms | 50 |
| Velocity of Propagation, % | 66 |
| Maximum Operating Frequency, MHz | 1000 |
| Capacitance, pF/ft [pF/m] | 30.8 [101.05] |

Electrical Specifications by Frequency

Frequency 1

| | |
|---------------------------------|------------|
| Frequency, MHz | 1 |
| Attenuation, dB/100ft [dB/100m] | 0.2 [0.66] |

Frequency 2

| | |
|---------------------------------|------------|
| Frequency, MHz | 10 |
| Attenuation, dB/100ft [dB/100m] | 0.6 [1.97] |

Frequency 3

| | |
|---------------------------------|------------|
| Frequency, MHz | 50 |
| Attenuation, dB/100ft [dB/100m] | 1.3 [4.27] |

Frequency 4

| | |
|---------------------------------|-------------|
| Frequency, MHz | 400 |
| Attenuation, dB/100ft [dB/100m] | 4.1 [13.45] |

Frequency 5

| | |
|---------------------------------|-------------|
| Frequency, MHz | 700 |
| Attenuation, dB/100ft [dB/100m] | 6.5 [21.33] |

Frequency 6

| | |
|---------------------------------|-------------|
| Frequency, MHz | 900 |
| Attenuation, dB/100ft [dB/100m] | 7.6 [24.93] |

Frequency 7

| | |
|---------------------------------|-----------|
| Frequency, MHz | 1000 |
| Attenuation, dB/100ft [dB/100m] | 8 [26.25] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG8 Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG8A/U](#)

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Flexible RG8 Coax Cable Single Shielded
with Black PVC (NC) Jacket

TECHNICAL DATA SHEET

RG8A/U

Mechanical Specifications

Inner Conductor

| | |
|-------------------|--------------|
| Number of Strands | 7 |
| Material | Copper |
| Diameter, in [mm] | 0.085 [2.16] |

Dielectric:

| | |
|-------------------|--------------|
| Type | PE (LD) |
| Diameter, in [mm] | 0.285 [7.24] |

Shield:

| | |
|------------|--------------|
| Number of | 1 |
| Material 1 | Copper Braid |

Jacket:

| | |
|-----------------------|---------------|
| Material | PVC (NC) |
| Diameter, in [mm] | 0.405 [10.29] |
| Color | Black |
| Weight, lbs/ft [Kg/m] | 0.12 [0.18] |

Compliance Certifications (visit www.Pasternack.com for current document)

| | |
|----------------|-----|
| RoHS Compliant | Yes |
|----------------|-----|

Plotted and Other Data

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

Flexible RG8 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 fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

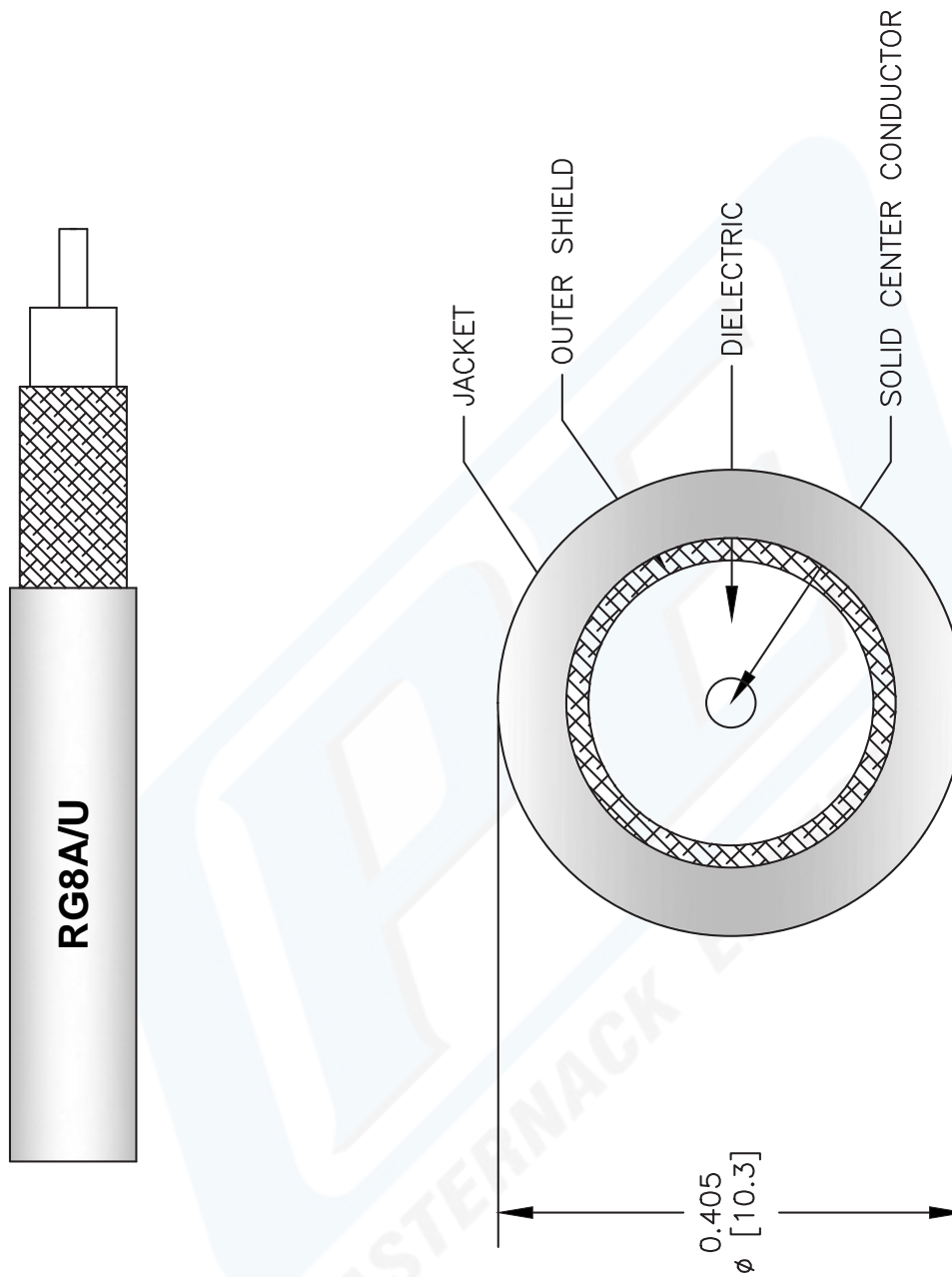
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG8 Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG8A/U](#)

URL: <http://www.pasternack.com/flexible-0.405-rg8-52-ohm-coax-cable-pvc-jacket-rg8a-u-p.aspx>

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RG8A/U CAD Drawing

Flexible RG8 Coax Cable Single Shielded with Black PVC (NC) Jacket



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 3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE

RG8A/U

REV. C

FSCM NO. 53919

CAD FILE

022513-C

SCALE N/A

SIZE A

XXXX



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