



## 75 Ohm TNC Female Bulkhead Mount Connector Clamp/ Solder Attachment for RG6, .480 inch D Hole

### RF Connectors Technical Data Sheet

PE44173

#### Configuration

- TNC Female Connector
- MIL-STD-348
- 75 Ohms
- Straight Body Geometry
- RG6 Interface Type
- Clamp/Solder Attachment
- Bulkhead

#### Features

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

#### Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

#### Description

Pasternack's PE44173 75 ohm TNC female bulkhead mount connector clamp/solder attachment for RG6, .480 inch D hole is part of our full line of RF components available for same-day shipping. This TNC bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our 75 ohm TNC female bulkhead connector PE44173 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 connector assemblies for you and ship same-day.

#### Mechanical Specifications

##### Size

Length	1.53 in [38.86 mm]
Width/Dia.	0.75 in [19.05 mm]
Weight	0.096 lbs [43.54 g]

##### Material Specifications

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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm TNC Female Bulkhead Mount Connector Clamp/Solder Attachment for RG6, .480 inch D Hole PE44173](#)



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**Environmental Specifications**

**Temperature**

Operating Range

-65 to +165 deg C

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

**Plotted and Other Data**

Notes:

75 Ohm TNC Female Bulkhead Mount Connector Clamp/Solder Attachment for RG6, .480 inch D Hole 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/tnc-female-standard-rg6-connector-pe44173-p.aspx>

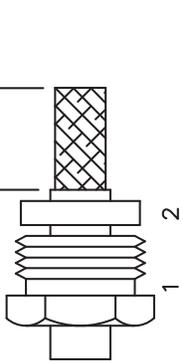
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# PE44173 CAD Drawing

75 Ohm TNC Female Bulkhead Mount Connector Clamp/  
Solder Attachment for RG6, .480 inch D Hole

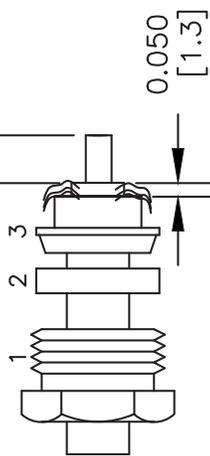
## ASSEMBLY PROCEDURES

0.375  
[9.5]



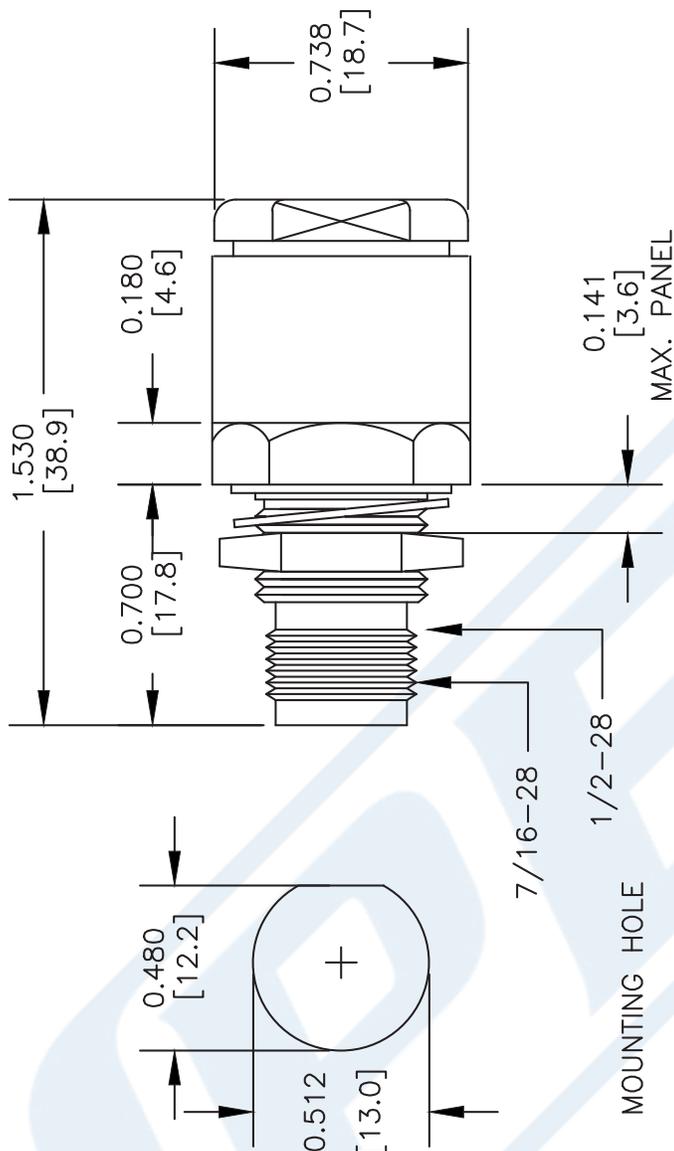
1. SLIDE CLAMP NUT (1) & GASKET (2) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (3) SLIDE BRAID CLAMP (3) OVER BRAID & SEAT AGAINST CABLE.

0.175  
[4.4]



## STRIPPING DIMENSIONS

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

**PE44173**

- 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 042210-A

SCALE N/A

SIZE A

XXXX



**PASTERNAK®**  
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P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: www.pasternack.com | E-Mail: sales@pasternack.com



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**Temperature**

Operating Range

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

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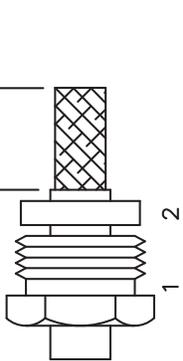
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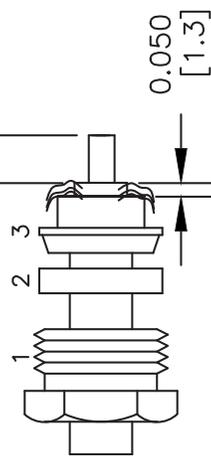
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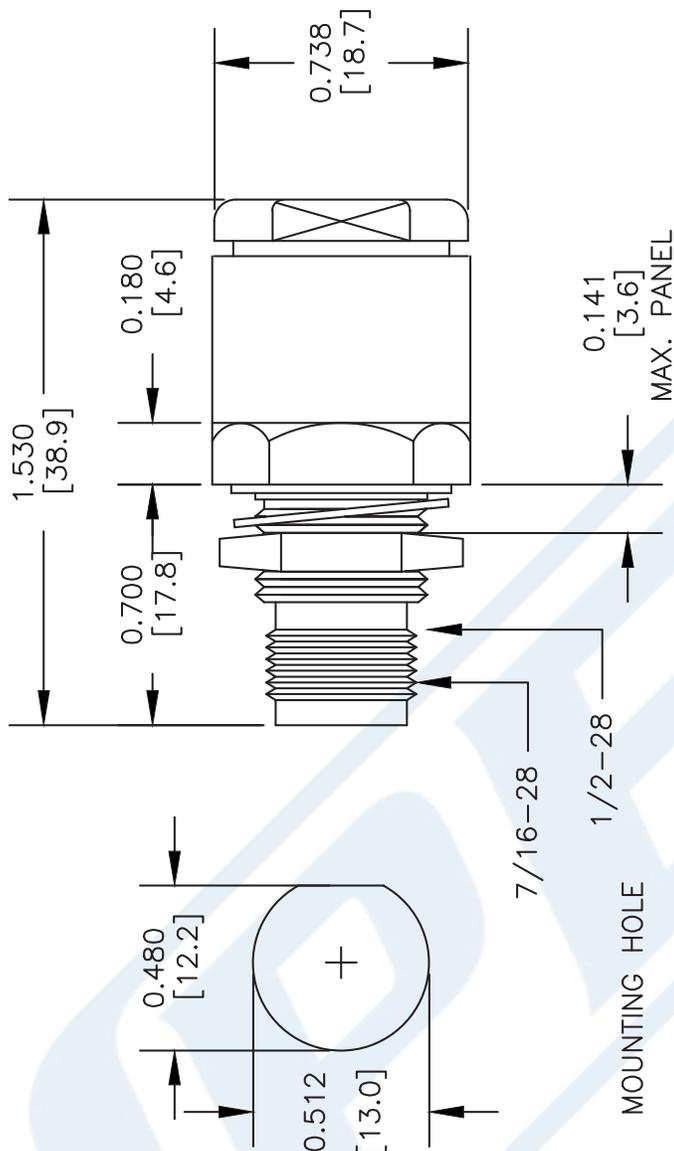
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DWG TITLE

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FSCM NO. 53919

CAD FILE 042210-A

SCALE N/A

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## 75 Ohm Flexible RG6 Coax Cable Double Shielded with Black PVC (NC) Jacket

### RF Cables Technical Data Sheet

RG6A/U

#### Configuration

- Flexible Cable
- 2 Shield(s)

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		75		Ohms
Velocity of Propagation		66		%
Shielding Effectiveness	90			dB
Operating Voltage (DC)			2,700	Vdc
Nominal Capacitance		20.6 [67.59]		pF/ft [pF/m]

#### Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	10	100	1,000			MHz
Attenuation, Typ	0.08	2.9	11			dB/100ft
	0.26	9.51	36.09			dB/100m

#### Mechanical Specifications

Diameter	0.332 in [8.43 mm]
Weight	0.085 lbs/ft [0.13 Kg/m]
Min. Bend Radius (Repeated)	3.5 in [88.9 mm]

#### Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, 1 Strands	0.029 in [0.74 mm]
Conductor Type	Solid	
Dielectric	PE	0.185 in [4.7 mm]
First Shield	Silver Plated Copper Braid	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm Flexible RG6 Coax Cable Double Shielded with Black PVC \(NC\) Jacket RG6A/U](#)

## 75 Ohm Flexible RG6 Coax Cable Double Shielded with Black PVC (NC) Jacket

### RF Cables Technical Data Sheet

RG6A/U

Second Shield	Copper Braid	0.248 in [6.3 mm]
Jacket	PVC (NC), Black	0.332 in [8.43 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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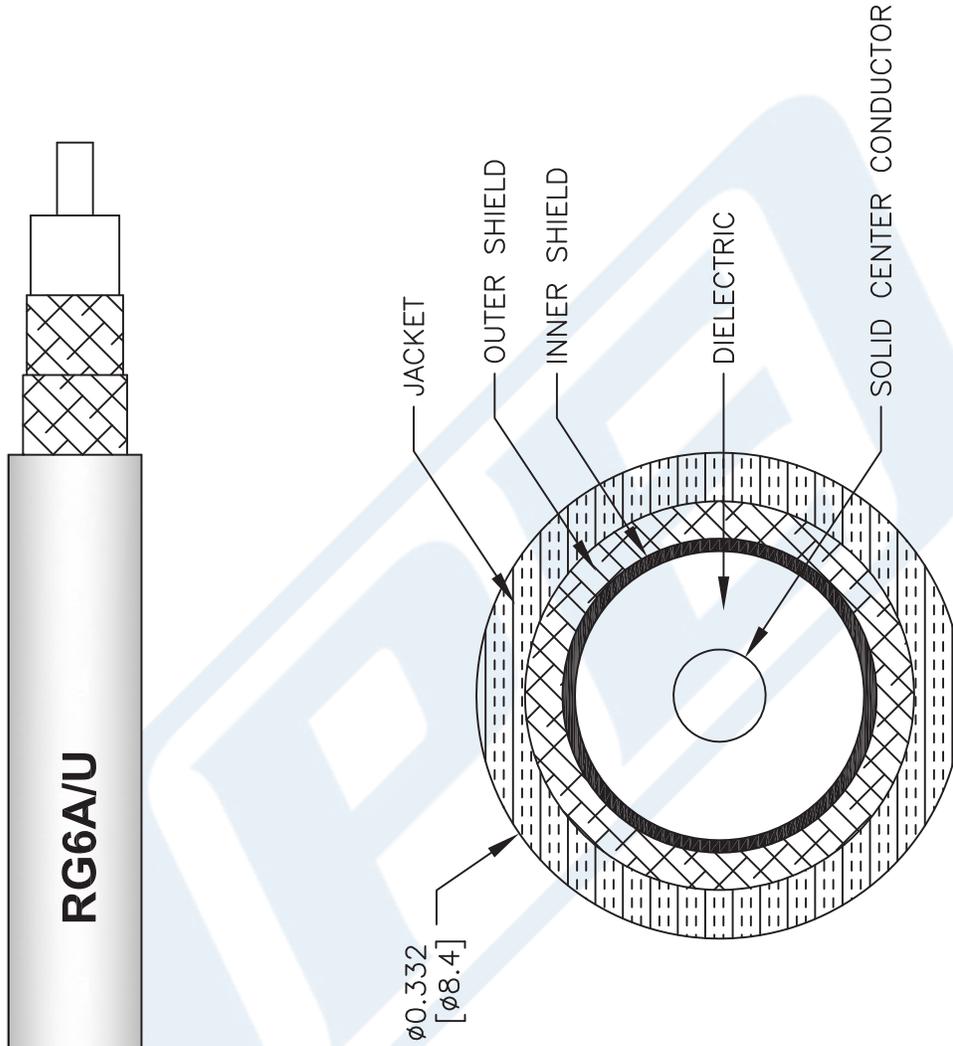
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# RG6A/U CAD Drawing

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DWG TITLE  
**RG6A/U**

FSCM NO. 53919

CAD FILE 111816

SCALE N/A

SIZE A

41742



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