



## 75 Ohm F Female Bulkhead Mount Connector Crimp/Solder Attachment for RG59, RG62, RG71

### RF Connectors Technical Data Sheet

PE44325

#### Configuration

- F Female Connector
- 75 Ohms
- Straight Body Geometry
- RG59, RG62, RG71 Interface Type
- Crimp/Solder Attachment
- Bulkhead

#### Features

- Gold Plated Brass Contact

#### Applications

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

#### Description

Pasternack's PE44325 75 ohm type F female bulkhead connector with crimp/solder attachment for RG59, RG62 and RG71 is part of our full line of RF components available for same-day shipping. This type F 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 type F female bulkhead connector PE44325 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	1.225 in [31.12 mm]
Width/Dia.	0.438 in [11.13 mm]
Weight	0.022 lbs [9.98 g]

#### Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm F Female Bulkhead Mount Connector Crimp/Solder Attachment for RG59, RG62, RG71 PE44325](#)



## 75 Ohm F Female Bulkhead Mount Connector Crimp/ Solder Attachment for RG59, RG62, RG71

### RF Connectors Technical Data Sheet

PE44325

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

#### Plotted and Other Data

Notes:

75 Ohm F Female Bulkhead Mount Connector Crimp/Solder Attachment for RG59, RG62, RG71 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.

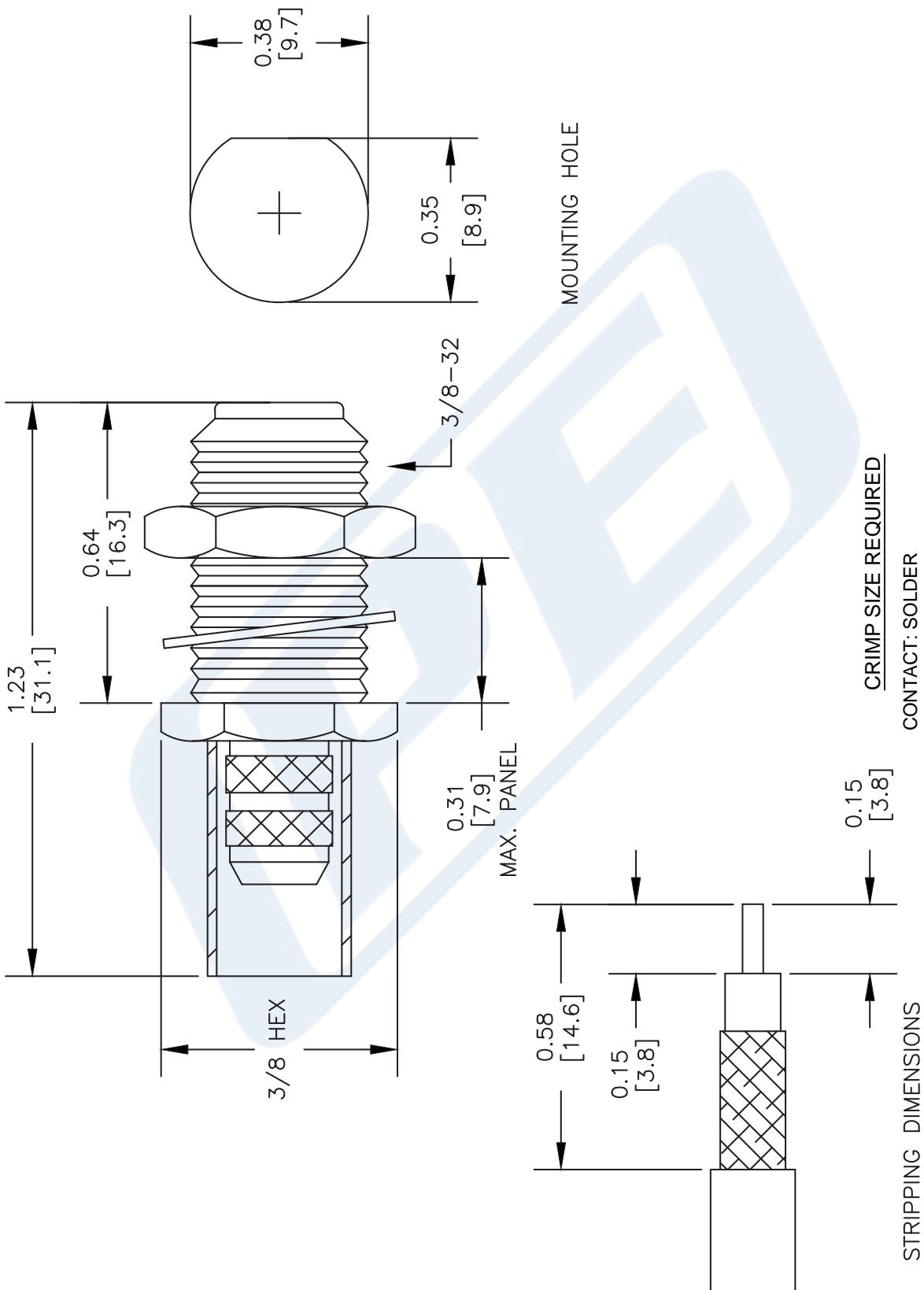
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm F Female Bulkhead Mount Connector Crimp/Solder Attachment for RG59, RG62, RG71 PE44325](#)

URL: <https://www.pasternack.com/f-female-standard-rg59-rg62-connector-pe44325-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.

# PE44325 CAD Drawing

75 Ohm F Female Bulkhead Mount Connector Crimp/  
Solder Attachment for RG59, RG62, RG71



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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.
DWG TITLE	<b>PE44325</b>
FSCM NO.	53919
CAD FILE	021903
SCALE	N/A
SIZE	A
	2233



## 75 Ohm TNC Male Connector Crimp/ Solder Attachment for RG59, RG62

### TECHNICAL DATA SHEET

PE44166

#### Configuration

Connector: TNC Male  
 Connector Interface Type: RG59, RG62  
 Attachment Method (Shield/Contact): Crimp/Solder  
 Body Style: Straight

#### Electrical Specifications

Impedance: 75 Ohms

#### Mechanical Specifications

**Temperature**  
 Operating Range: -65 to +165 deg C

#### Size

Length: 1.098 in [27.89 mm]  
 Width/Dia.: 0.59 in [14.99 mm]  
 Weight: 0.027 lbs [12.25 g]

#### Connector

**Type**  
 Contact Material and Plating: Brass, Gold  
 Contact Plating Specification: 30 $\mu$  in. minimum  
 Coupling Nut Material and Plating: Brass, Nickel  
 Coupling Nut Plating Specification: 100 $\mu$  in. minimum  
 Body Material and Plating: Brass, Nickel  
 Body Plating Specification: 100 $\mu$  in. minimum

#### Compliance Certifications

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

RoHS Compliant

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 Male Connector Crimp/Solder Attachment for RG59, RG62 PE44166](#)



## 75 Ohm TNC Male Connector Crimp/ Solder Attachment for RG59, RG62

### TECHNICAL DATA SHEET

PE44166

#### Plotted and Other Data

Notes:

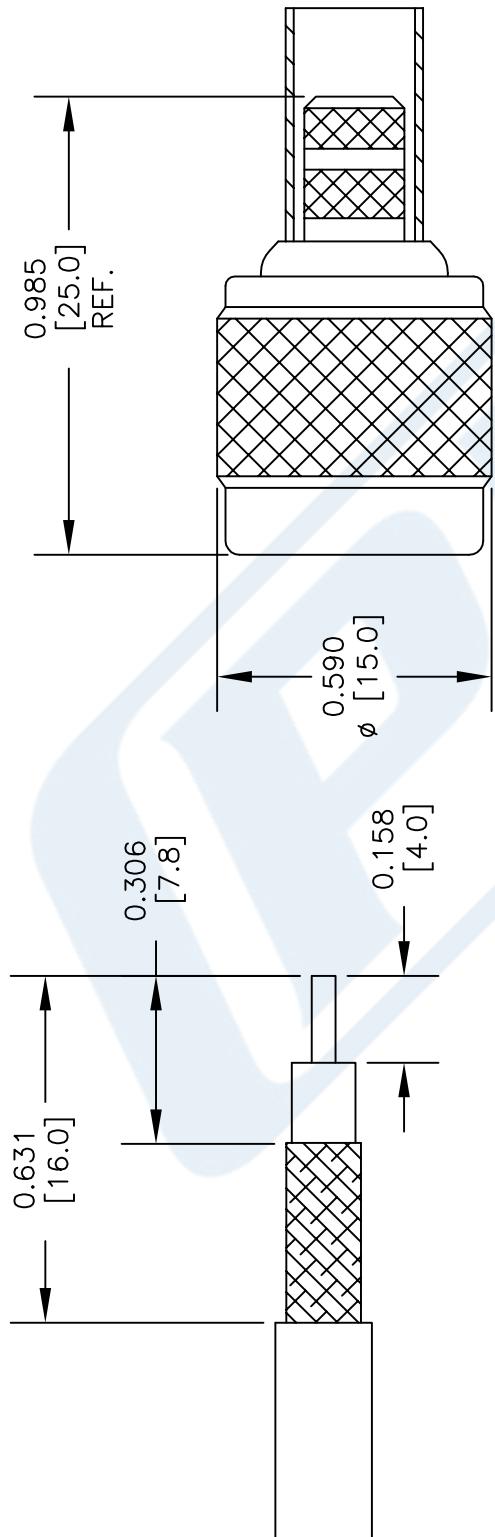
- Values at +25 °C, sea level

75 Ohm TNC Male Connector Crimp/Solder Attachment for RG59, RG62 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: [75 Ohm TNC Male Connector Crimp/Solder Attachment for RG59, RG62 PE44166](#)

URL: <http://www.pasternack.com/tnc-male-rg59-rg62-connector-pe44166-p.aspx>

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PASTERNAK THE ENGINEER'S RF SOURCE	DWG TITLE <b>PE44166</b>	FSCM NO. 53919	CAD FILE 101414	SCALE N/A	SIZE A	150
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>						

# 75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC (NC) Jacket

## RF Cables Technical Data Sheet

RG59B/U

### Configuration

- Flexible Cable
- 1 Shield(s)

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		75 ±3		Ohms
Velocity of Propagation		66		%
Operating Voltage (AC)			2,300	Vrms
Nominal Capacitance		20.4 [66.93]		pF/ft [pF/m]

### Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	100	400	1,000			MHz
Attenuation, Max	3.85	7.7	12.65			dB/100ft
	12.63	25.26	41.5			dB/100m
Attenuation, Typ	3.5	7	11.5			dB/100ft
	11.48	22.97	37.73			dB/100m
Input Power (CW), Max	310	160	77			Watts

### Mechanical Specifications

Diameter	0.242 in [6.15 mm]
Weight	0.039 lbs/ft [0.06 Kg/m]

### Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper Clad Steel, 1 Strands	0.022 in [0.56 mm]
Conductor Type	Solid	
Dielectric	PE	0.146 in [3.71 mm]

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 RG59 Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG59B/U](#)

# 75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC (NC) Jacket

## RF Cables Technical Data Sheet

RG59B/U

First Shield	Copper Braid	0.165 in [4.19 mm]
Jacket	PVC (NC), Black	0.242 in [6.15 mm]

### Environmental Specifications

#### Temperature

Operating Range

-40 to +80 deg C

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

### Plotted and Other Data

Notes:

75 Ohm Flexible RG59 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.

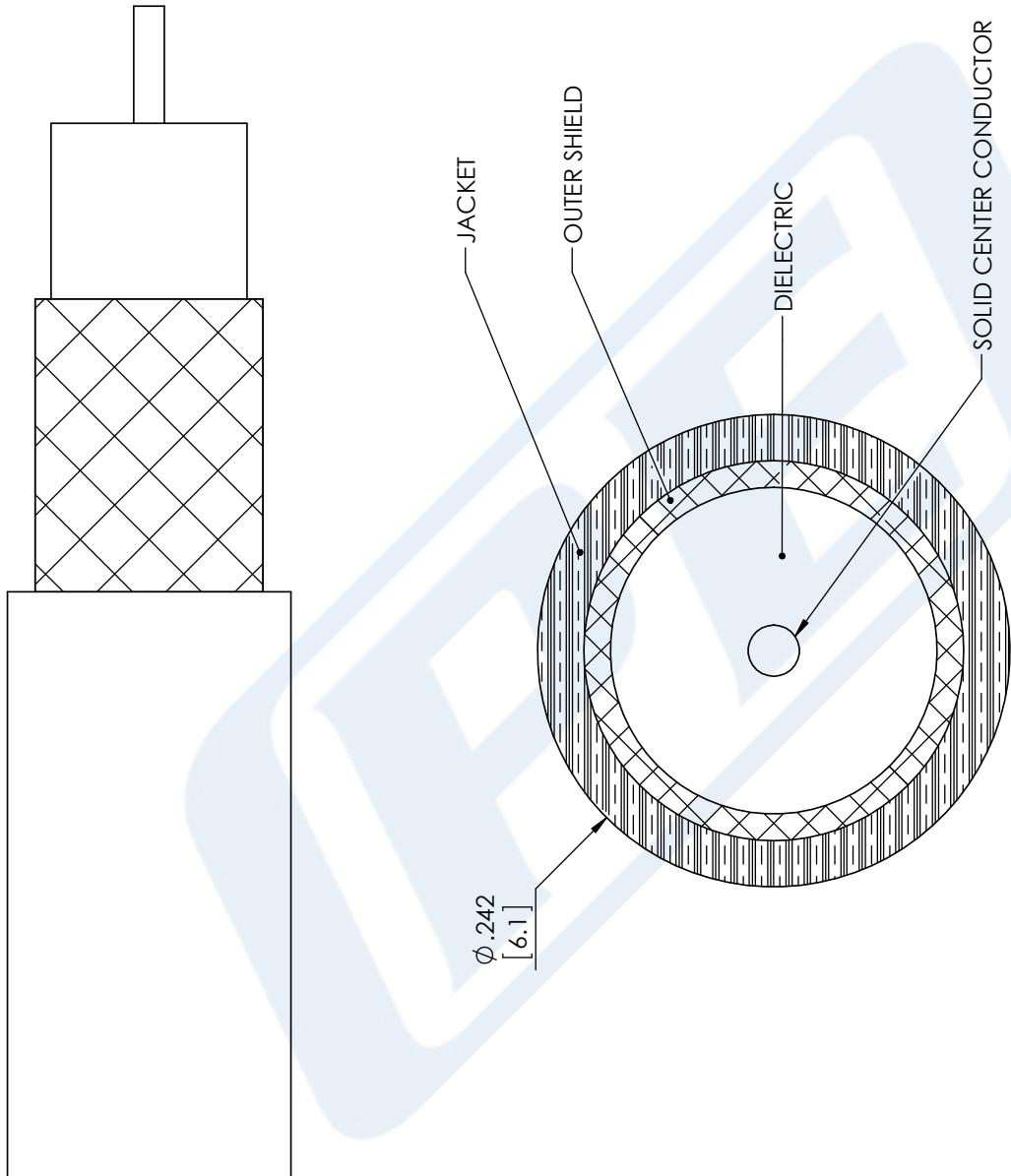
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URL: <https://www.pasternack.com/flexible-0.242-rg59-75-ohm-coax-cable-pvc-jacket-rg59b-u-p.aspx>

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# RG59B/U CAD Drawing

75 Ohm Flexible RG59 Coax Cable Single Shielded with Black PVC (NC) Jacket



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	DWG TITLE	CAD FILE	SCALE	SIZE
53919	RG59B/U	1/12/2017	N/A	A

CN2245