



## 75 Ohm F Male Connector Crimp/Crimp Attachment for RG59, RG62, RG71, 3 Pieces Connector

### RF Connectors Technical Data Sheet

PE44317

#### Configuration

- F Male Connector
- 75 Ohms
- Straight Body Geometry
- RG59, RG62, RG71 Interface Type
- Crimp/Crimp Attachment
- 7/16 inch Hex

#### Features

- Max. Operating Frequency 2 GHz
- Gold Plated Brass Contact

#### Applications

- General Purpose Test
- Custom Cable Assemblies
- CATV

#### Description

Pasternack's PE44317 75 ohm type F male connector with crimp/crimp attachment for RG59, RG62 and RG71 is part of our full line of RF components available for same-day shipping. Our type F male connector operates up to a maximum frequency of 2 GHz.

Our 75 ohm type F male connector PE44317 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.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		2	GHz

#### Mechanical Specifications

Size	
Length	1.123 in [28.52 mm]
Width/Dia.	0.433 in [11.00 mm]
Weight	0.022 lbs [9.98 g]

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 Male Connector Crimp/Crimp Attachment for RG59, RG62, RG71, 3 Pieces Connector PE44317](#)



75 Ohm F Male Connector Crimp/Crimp Attachment  
for RG59, RG62, RG71, 3 Pieces Connector

RF Connectors Technical Data Sheet

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**Material Specifications**

Description	Material	Plating
Contact	Brass	Gold
Insulation	POM	
Body	Brass	Nickel
Coupling Nut	Brass	Nickel

**Environmental Specifications**

**Temperature**

Operating Range

-40 to +85 deg C

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

**Plotted and Other Data**

Notes:

75 Ohm F Male Connector Crimp/Crimp Attachment for RG59, RG62, RG71, 3 Pieces Connector 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.

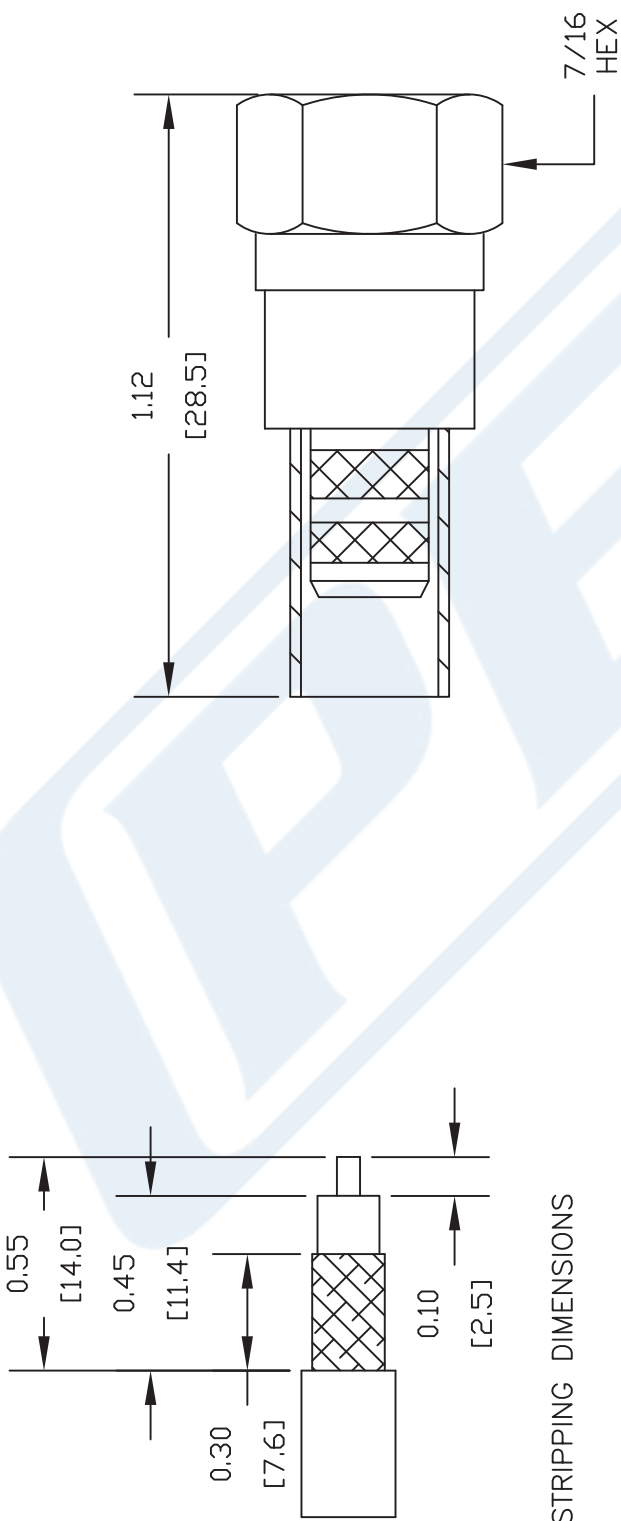
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URL: <https://www.pasternack.com/f-male-standard-rg59-rg62-connector-pe44317-p.aspx>

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PE44317 CAD Drawing

75 Ohm F Male Connector Crimp/Crimp Attachment for  
RG59, RG62, RG71, 3 Pieces Connector



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: .068" HEX CRIMP TOOL  
FERRULE: .255" HEX CRIMP TOOL

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  
**PE44317**

REV. - FSCM NO. 53919 CAD FILE 111003 SCALE N/A SIZE A 127

**PE PASTERNAK®**  
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



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#### Environmental Specifications

##### Temperature

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#### Plotted and Other Data

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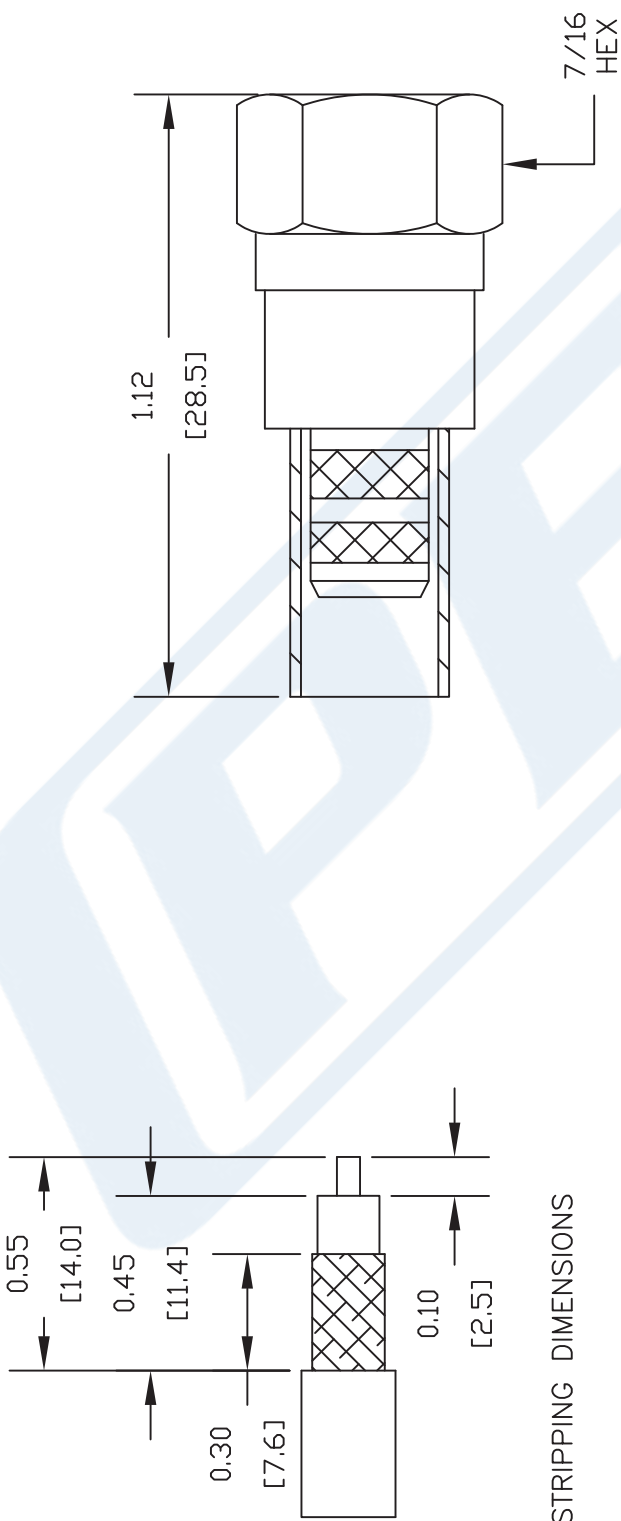
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CRIMP SIZE REQUIRED

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DWG TITLE  
**PE44317**

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4. FITS MIL-C-17 AND EQUIVALENT CABLES.

REV. -  
**FSCM NO. 53919**

SCALE N/A

SIZE A

127

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		5	GHz
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	0.01	0.1	1	5		GHz
Attenuation, Typ	1.1	3.3	11.5	41		dB/100ft
	3.61	10.83	37.73	134.51		dB/100m
Input Power (CW), Max	1,300	310	77	27		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]
First Shield	Copper Braid	0.165 in [4.19 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

Jacket	PVC (NC), Black	0.242 in [6.15 mm]
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#### 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.

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](#)

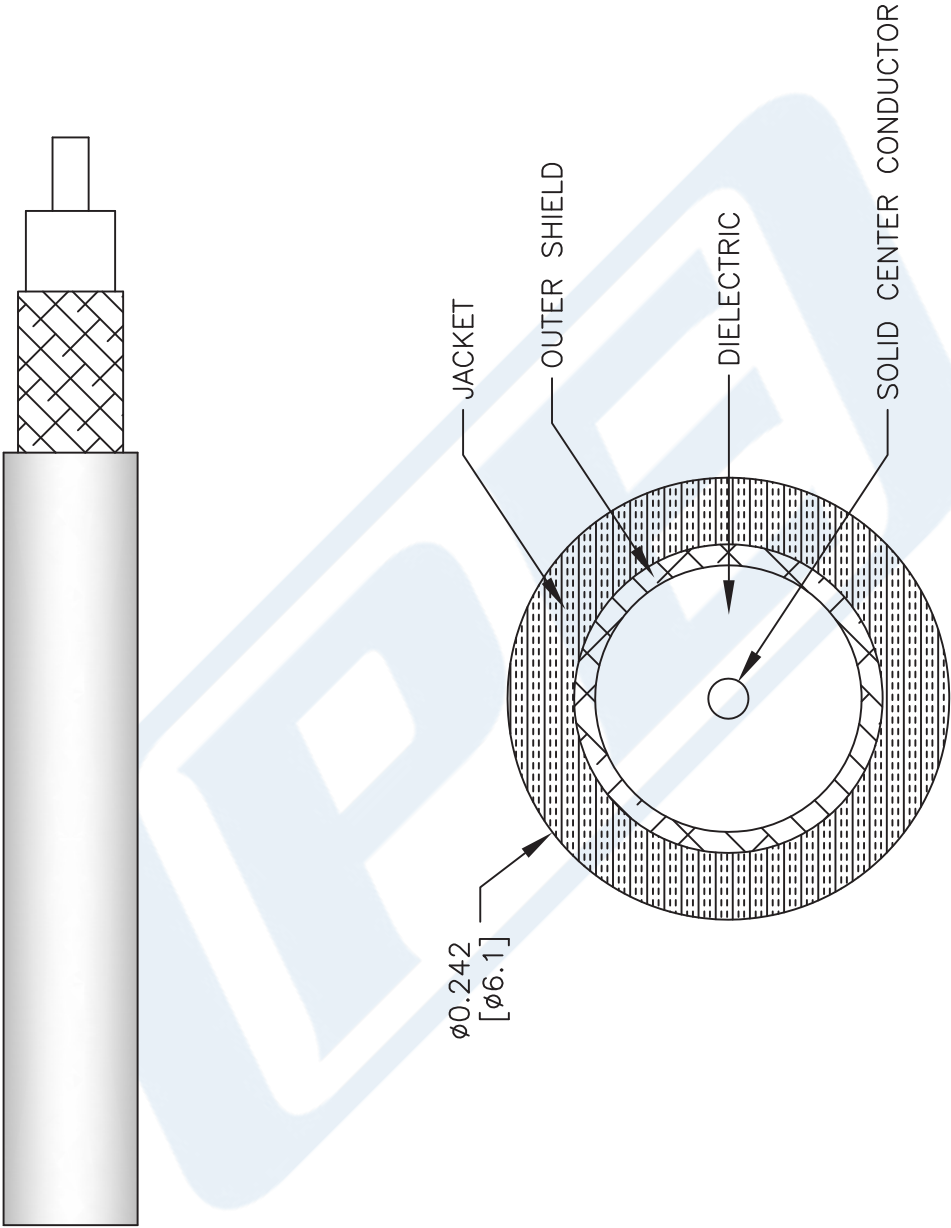
URL: <https://www.pasternack.com/flexible-0.242-rg59-75-ohm-coax-cable-pvc-jacket-rg59b-u-p.aspx>

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RG59B/U CAD Drawing

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



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DWG TITLE  
**RG59B/U**

FSCM NO. 53919

CAD FILE 111816

SCALE N/A

SIZE A

41742

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THE ENGINEER'S RF SOURCE

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