



75 Ohm F Male Right Angle Connector Crimp/ Solder Attachment for RG6-CATV

RF Connectors Technical Data Sheet

PE44320

Configuration

- F Male Connector
- 75 Ohms
- Right Angle Body Geometry
- RG6-CATV Interface Type
- Crimp/Solder Attachment
- 7/16 inch Hex

Features

- Max. Operating Frequency 2 GHz
- Excellent VSWR of 1.23:1
- Gold Plated Brass Contact

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE44320 75 ohm type F male right angle connector crimp/solder attachment for RG6-CATV 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 and offers excellent VSWR of 1.23:1. Its right angle body geometry allows for easier connections in tight spaces.

Our 75 ohm type F male right angle connector PE44320 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.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		2	GHz
VSWR			1.23:1	

Mechanical Specifications

Size	
Length	0.87 in [22.1 mm]
Width/Dia.	0.438 in [11.13 mm]
Height	1 in [25.4 mm]
Weight	0.046 lbs [20.87 g]
Mating Torque	12 to 15 in-lbs [1.36 to 1.70 Nm]

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 Right Angle Connector Crimp/Solder Attachment for RG6-CATV PE44320](#)



75 Ohm F Male Right Angle Connector Crimp/
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RF Connectors Technical Data Sheet

PE44320

Material Specifications

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

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 F Male Right Angle Connector Crimp/Solder Attachment for RG6-CATV 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.

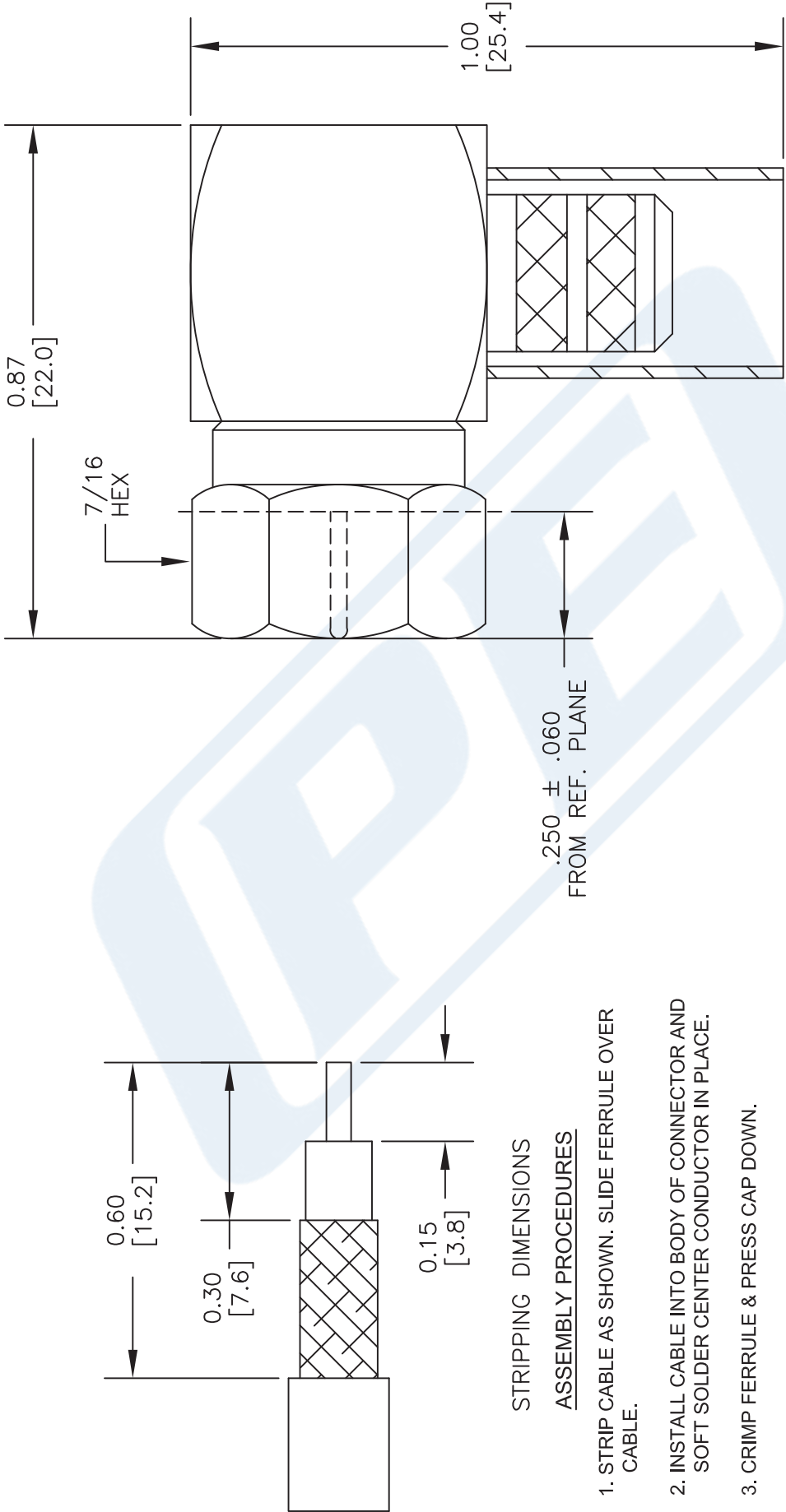
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URL: <https://www.pasternack.com/f-male-standard-rg6-catv-connector-pe44320-p.aspx>

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PE44320 CAD Drawing

75 Ohm F Male Right Angle Connector Crimp/Solder Attachment for RG6-CATV



CRIMP SIZE REQUIRED

FERRULE: .314" HEX CRIMP TOOL

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

DWG TITLE
PE44320

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 040811

SCALE N/A

SIZE A

2233



75 Ohm F Male Right Angle Connector Crimp/ Solder Attachment for RG6-CATV

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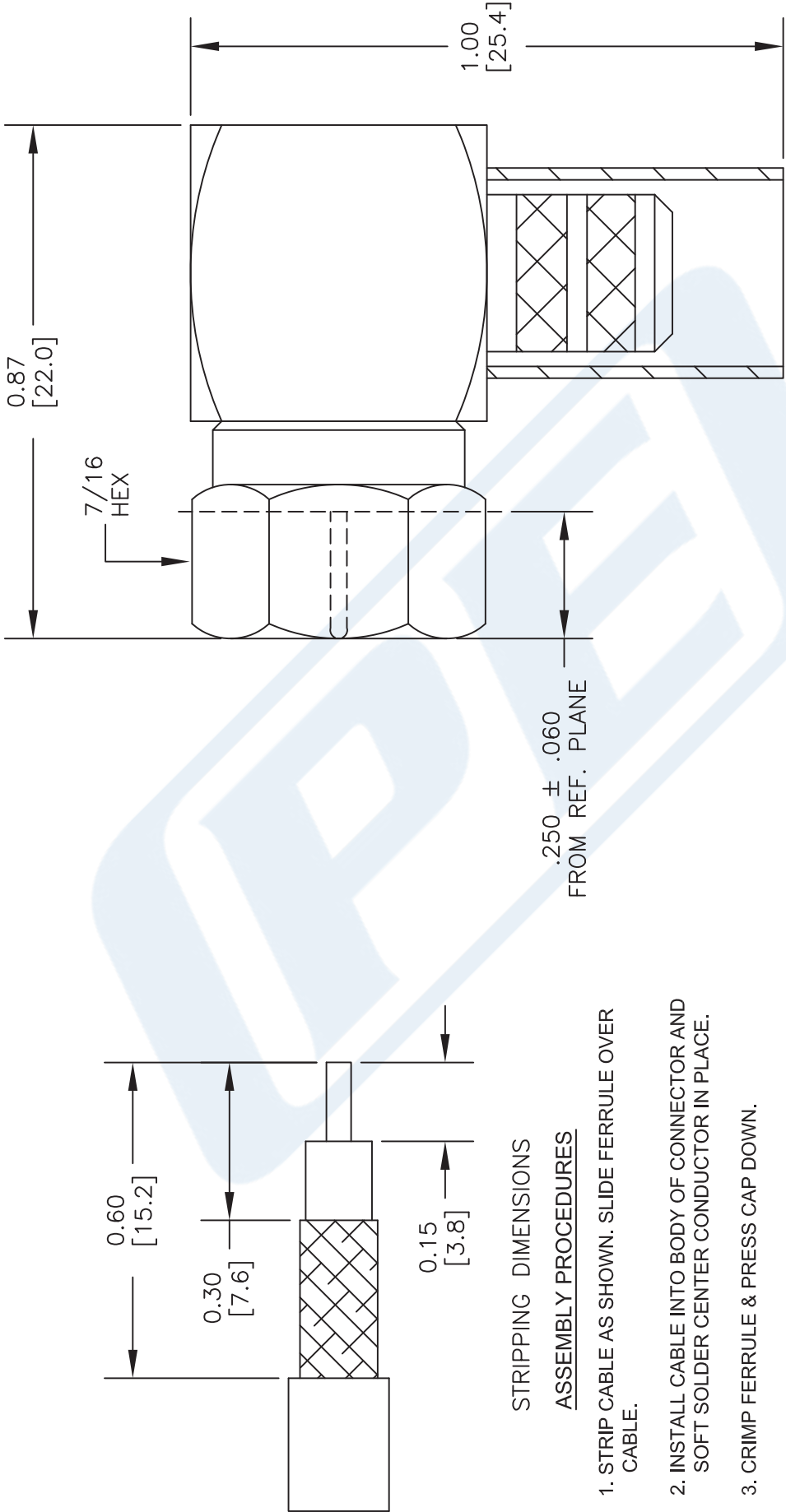
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FSCM NO. 53919

CAD FILE 040811

SCALE N/A

SIZE A

2233

75 Ohm Flexible RG6-CATV Coax Cable Triple
Shielded with Black PVC (NC) Jacket

TECHNICAL DATA SHEET

RG6-CATV

75 Ohm Flexible RG6-CATV Coax Cable Triple Shielded with Black PVC (NC) Jacket

Configuration

Inner Conductor Material and Plating	Copper
Dielectric Type	PE (F)
Shield Materials	Aluminum Foil, Aluminum Braid
Jacket Material and Color	PVC (NC), Black

Electrical Specifications

Impedance, Ohms	75
Velocity of Propagation, %	85
Maximum Operating Frequency, GHz	3
RF Shielding, dB	70
Capacitance, pF/ft [pF/m]	16.2 [53.15]

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	5
Attenuation, dB/100ft [dB/100m]	0.58 [1.9]

Frequency 2

Frequency, MHz	250
Attenuation, dB/100ft [dB/100m]	3.3 [10.83]

Frequency 3

Frequency, MHz	550
Attenuation, dB/100ft [dB/100m]	4.9 [16.08]

Frequency 4

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	6.55 [21.49]

Frequency 5

Frequency, GHz	1.45
Attenuation, dB/100ft [dB/100m]	7.9 [25.92]

Frequency 6

Frequency, GHz	1.75
Attenuation, dB/100ft [dB/100m]	8.75 [28.71]

Frequency 7

Frequency, GHz	2.15
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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-CATV Coax Cable Triple Shielded with Black PVC \(NC\) Jacket RG6-CATV](#)

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75 Ohm Flexible RG6-CATV Coax Cable Triple Shielded with Black PVC (NC) Jacket

TECHNICAL DATA SHEET

RG6-CATV

Mechanical Specifications

Temperature

Operating Range, deg C -40 to +80

Inner Conductor

Number of Strands 1
 Material Copper
 Diameter, in [mm] 0.04 [1.02]

Dielectric:

Type PE (F)
 Diameter, in [mm] 0.18 [4.57]

Shield:

Number of 3
 Material 1 Aluminum Foil
 Material 2 Aluminum Braid
 Material 3 Aluminum Foil
 Diameter, in [mm] 0.22 [5.59]

Jacket:

Material PVC (NC)
 Diameter, in [mm] 0.275 [6.99]
 Color Black
 One Time Minimum Bend Radius, in [mm] 1.37 [34.8]
 Weight, lbs/ft [Kg/m] 0.033 [0.05]

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

RoHS Compliant Yes

Plotted and Other Data

Notes: Values at 25 °C, sea level

75 Ohm Flexible RG6-CATV Coax Cable Triple 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.

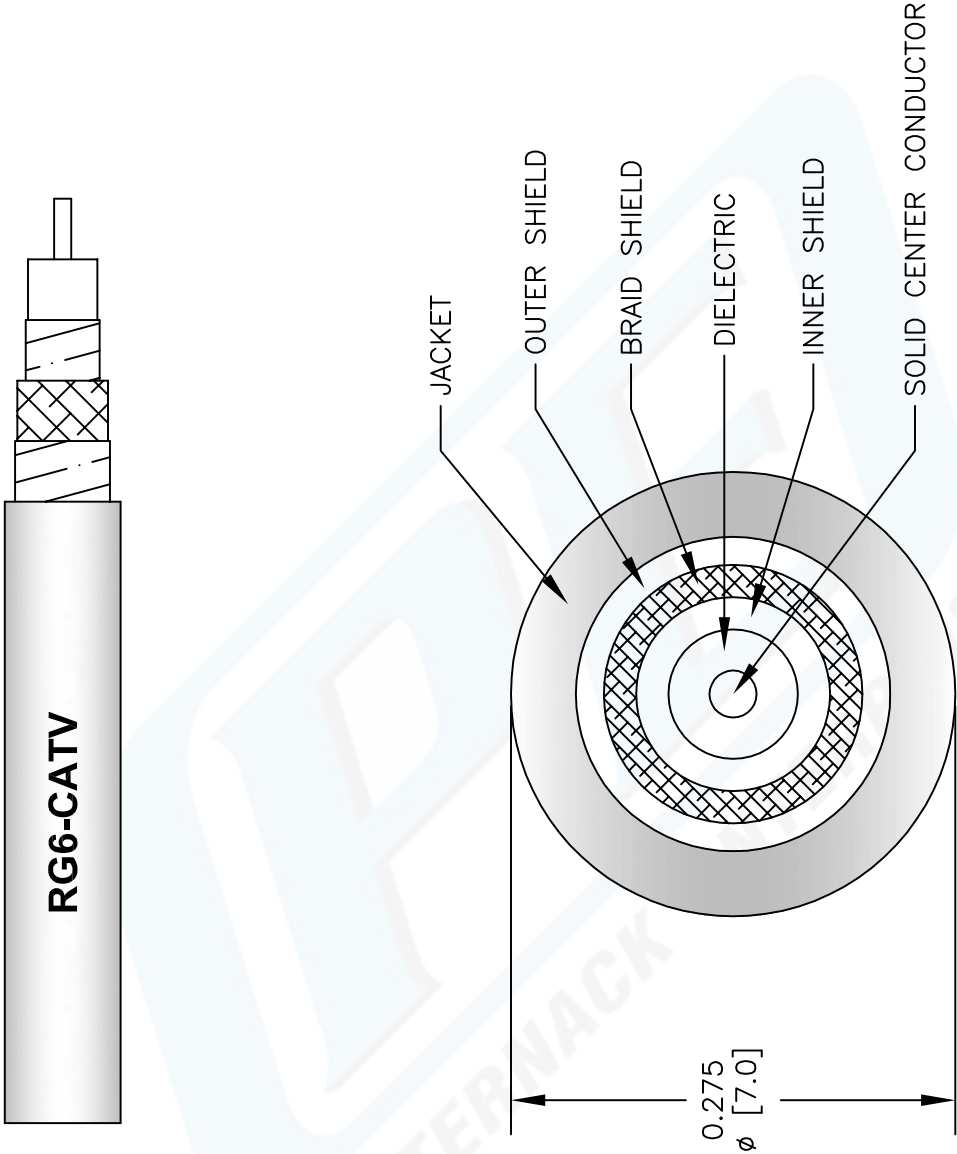
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URL: <http://www.pasternack.com/flexible-0.275-rg6-catv-75-ohm-coax-cable-pvc-jacket-rg6-catv-p.aspx>

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RG6-CATV CAD Drawing

75 Ohm Flexible RG6-CATV Coax Cable Triple Shielded with Black PVC (NC) Jacket



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DWG TITLE		CAD FILE		SCALE	N/A	SIZE	A	147
RG6-CATV		021411-B						
REV. B	FSCM NO. 53919							



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