



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

### RF Connectors Technical Data Sheet

PE44452

#### Configuration

- F Male Connector
- MIL-STD-348A
- 75 Ohms
- Straight Body Geometry
- RG6-CATV Interface Type
- Crimp/Solder Attachment
- 7/16 inch Hex

#### Features

- Silver Plated Brass Contact
- 70  $\mu$ in minimum contact plating

#### Applications

- General Purpose Test
- Custom Cable Assemblies
- CATV

#### Description

Pasternack's PE44452 75 ohm type F male connector with crimp/solder attachment for RG6-CATV is part of our full line of RF components available for same-day shipping.

Our 75 ohm type F male connector PE44452 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  
Width/Dia.

0.768 in [19.51 mm]  
0.438 in [11.13 mm]

Weight

0.018 lbs [8.16 g]

Mating Torque

12 to 15 in-lbs [1.36 to 1.70 Nm]

#### Material Specifications

Description	Material	Plating
Contact	Brass	Silver 70 $\mu$ in minimum
Body	Brass	Nickel 100 $\mu$ in minimum
Coupling Nut	Brass	Nickel 100 $\mu$ in 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 Male Connector Crimp/Solder Attachment for RG6-CATV PE44452](#)



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

#### Plotted and Other Data

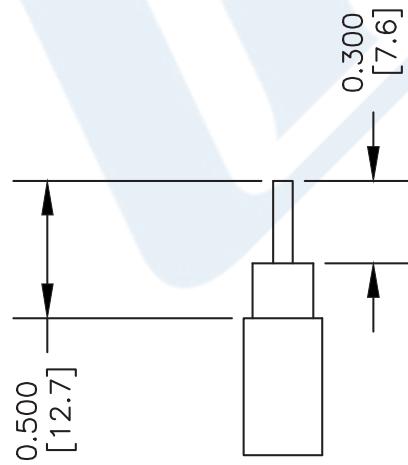
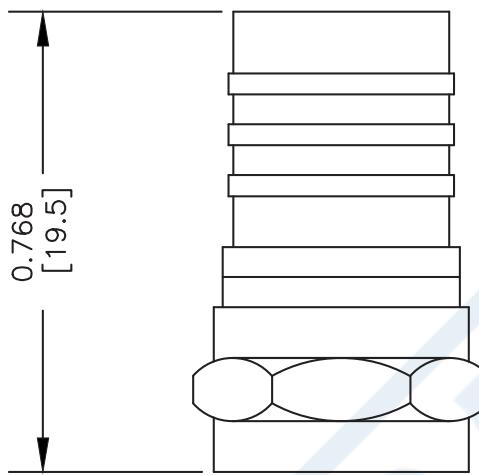
Notes:

75 Ohm F Male 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.

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/Solder Attachment for RG6-CATV PE44452](#)

URL: <https://www.pasternack.com/f-male-standard-rg6-catv-connector-pe44452-p.aspx>

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STRIPPING DIMENSIONS  
ASSEMBLY PROCEDURES

STRIP CABLE AS SHOWN, PUSH CABLE INTO CONNECTOR UNTIL DIELECTRIC IS FLUSH WITH BODY SHOULDER. THEN CRIMP.

CRIMP SIZE REQUIRED

FERRULE: .314" HEX CRIMP TOOL



Pasternack Enterprises, Inc.

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Phone: (949) 261-1920 | Fax: (949) 261-7451

Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)

DWG TITLE	PE44452
FSCM NO. 53919	CAD FILE 062206 SCALE N/A SIZE A

NOTES:  
 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
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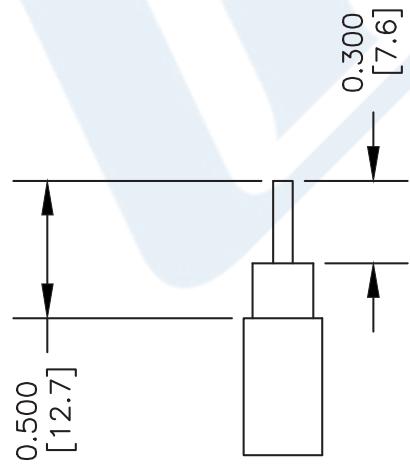
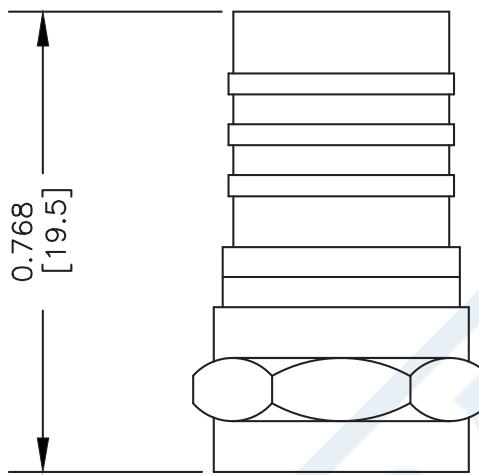
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## 75 Ohm Flexible RG6-CATV Coax Cable Triple Shielded with Black PVC (NC) Jacket

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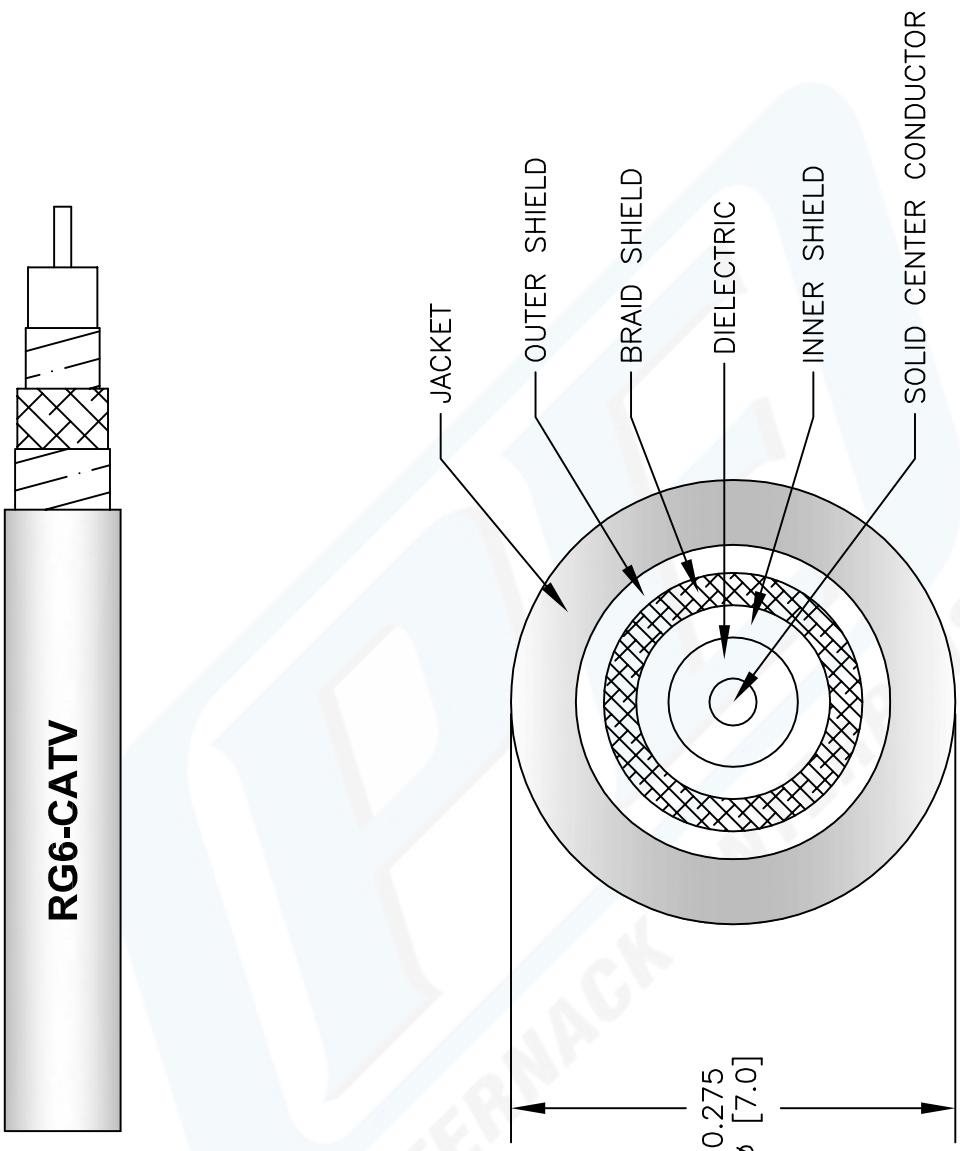
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm Flexible RG6-CATV Coax Cable Triple Shielded with Black PVC \(NC\) Jacket RG6-CATV](#)

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# RG6-CATV CAD Drawing

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



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**PASTERNACK**  
RG6-CATV

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

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