



75 Ohm F Female Bulkhead Mount Connector Crimp/Solder Attachment for RG6-CATV

RF Connectors Technical Data Sheet

PE44324

Configuration

- F Female Connector
- 75 Ohms
- Straight Body Geometry
- RG6-CATV Interface Type
- Crimp/Solder Attachment
- Bulkhead

Features

- Max. Operating Frequency 1,000 MHz
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications

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

Description

Pasternack's PE44324 75 ohm type F female bulkhead connector with crimp/solder attachment for RG6-CATV is part of our full line of RF components available for same-day shipping. Our type F female connector operates up to a maximum frequency of 1,000 MHz and offers good VSWR of 1.3:1. 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 PE44324 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		1,000	MHz
VSWR			1.3:1	
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,000	Vrms

Mechanical Specifications

Size

Length	1.23 in [31.24 mm]
Width/Dia.	0.438 in [11.13 mm]
Weight	0.025 lbs [11.34 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 Female Bulkhead Mount Connector Crimp/Solder Attachment for RG6-CATV PE44324](#)



75 Ohm F Female Bulkhead Mount Connector Crimp/Solder Attachment for RG6-CATV

RF Connectors Technical Data Sheet

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Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Body	Brass	Nickel 100 µin minimum

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 Female Bulkhead Mount 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.

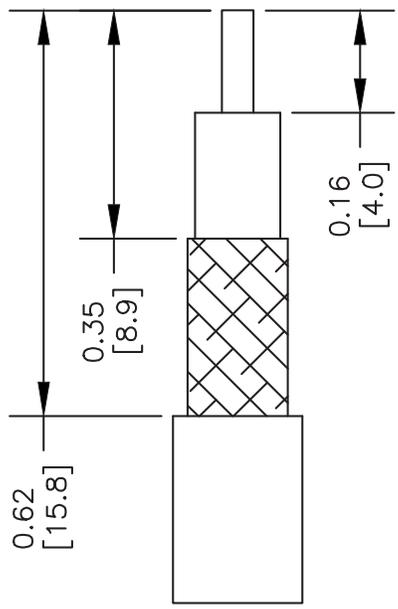
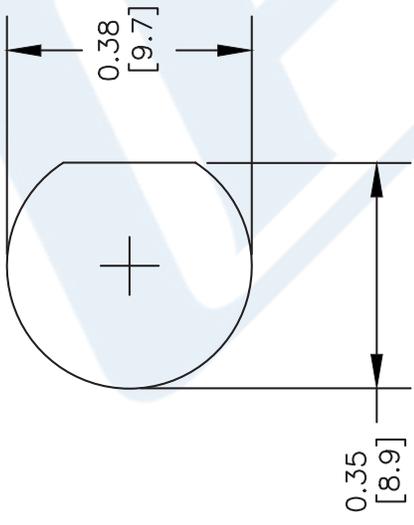
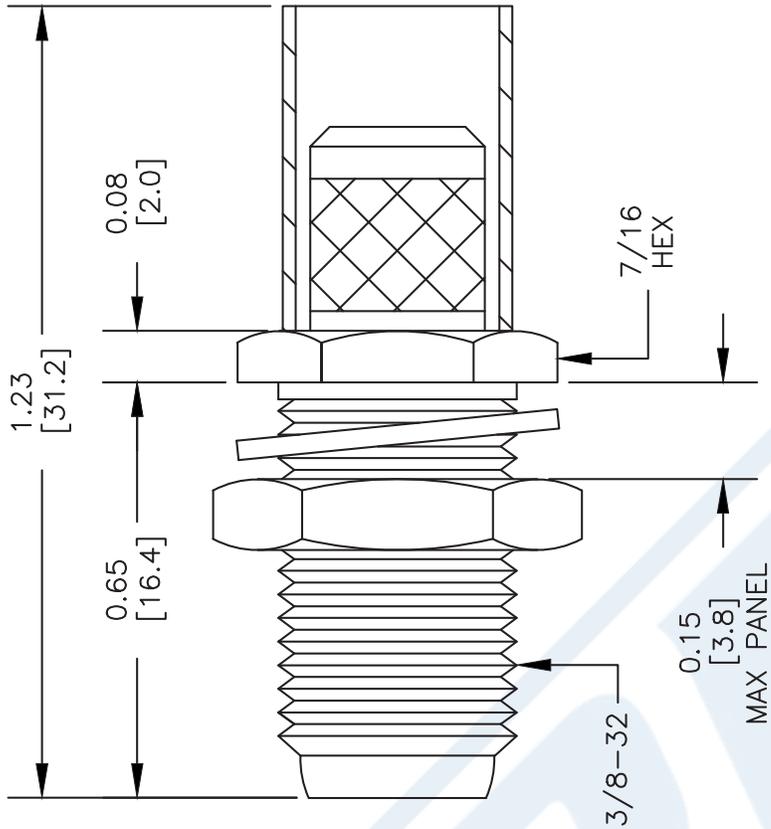
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URL: <https://www.pasternack.com/f-female-standard-rg6-catv-connector-pe44324-p.aspx>

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PE44324 CAD Drawing

75 Ohm F Female Bulkhead Mount Connector Crimp/Solder Attachment for RG6-CATV



CRIMP SIZE REQUIRED

CONTACT: SOLDER
 FERRULE: .314" HEX CRIMP TOOL

STRIPPING DIMENSIONS

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
PE44324

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

REV. B	FSCM NO. 53919	CAD FILE 013012	SCALE N/A	SIZE A	2233
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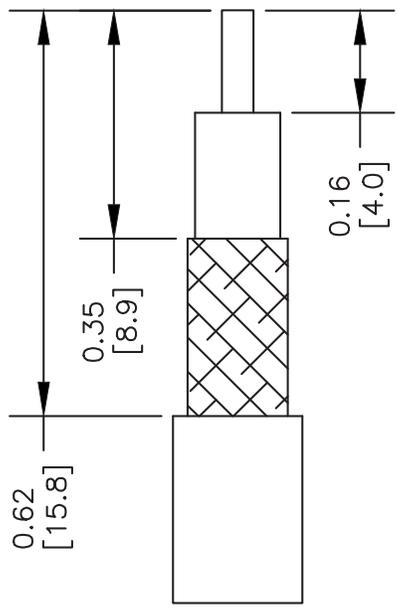
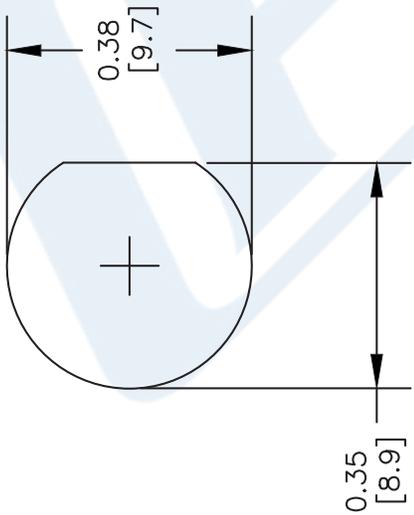
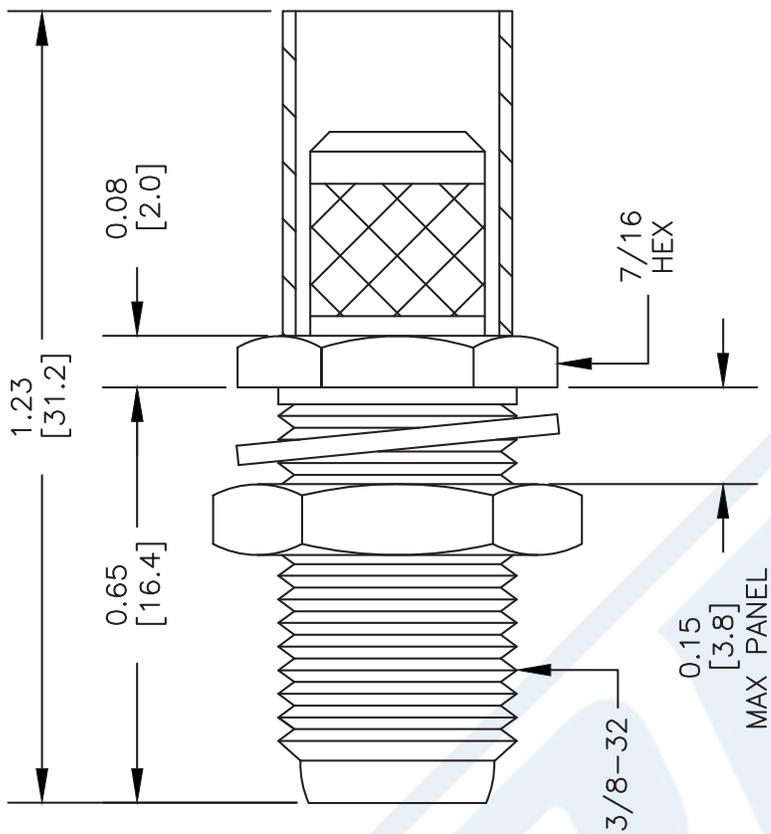
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REV. B	FSCM NO. 53919	CAD FILE 013012	SCALE N/A	SIZE A	2233
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75 Ohm Flexible RG6-CATV Coax Cable Triple Shielded with Black PVC (NC) Jacket

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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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

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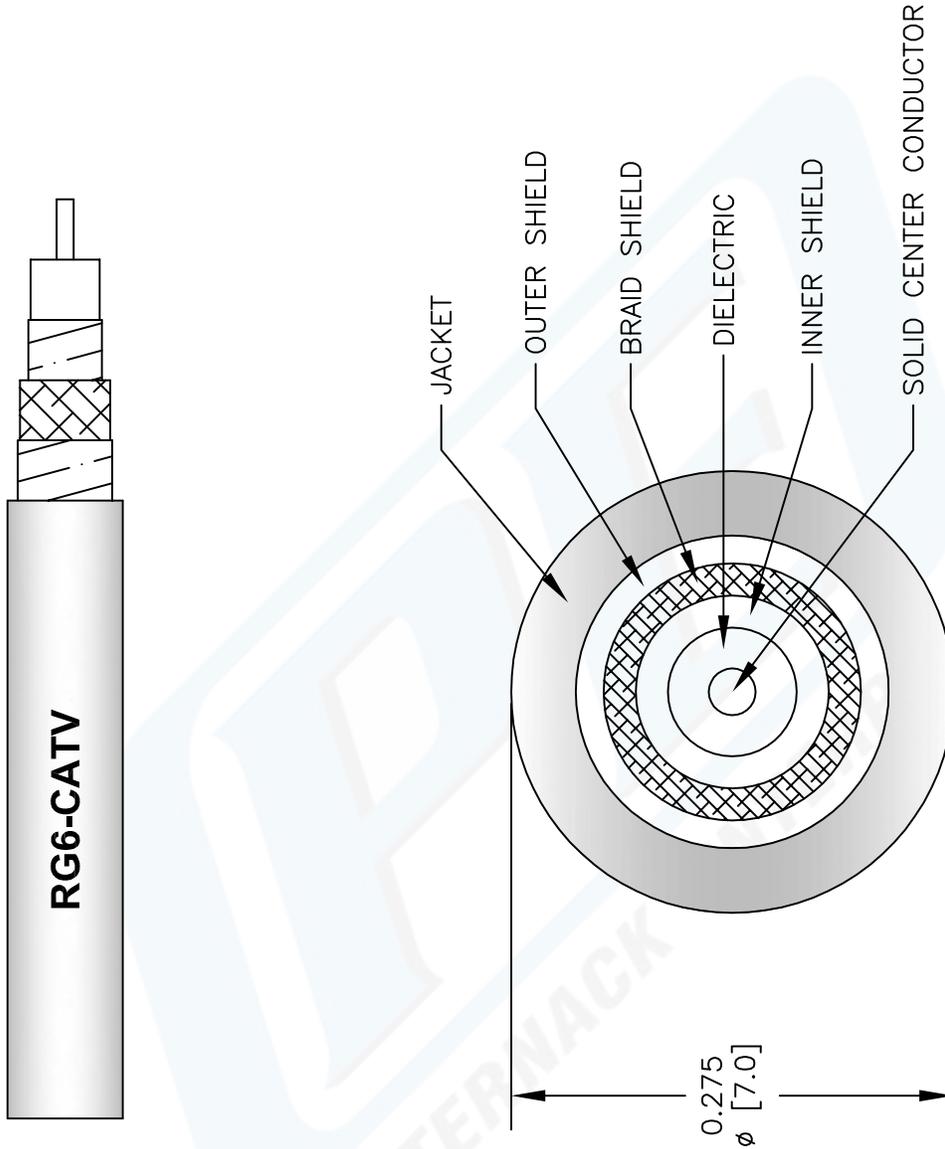
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URL: <http://www.pasternack.com/flexible-0.275-rg6-catv-75-ohm-coax-cable-pvc-jacket-rg6-catv-p.aspx>

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


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