



## 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](#)



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**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.

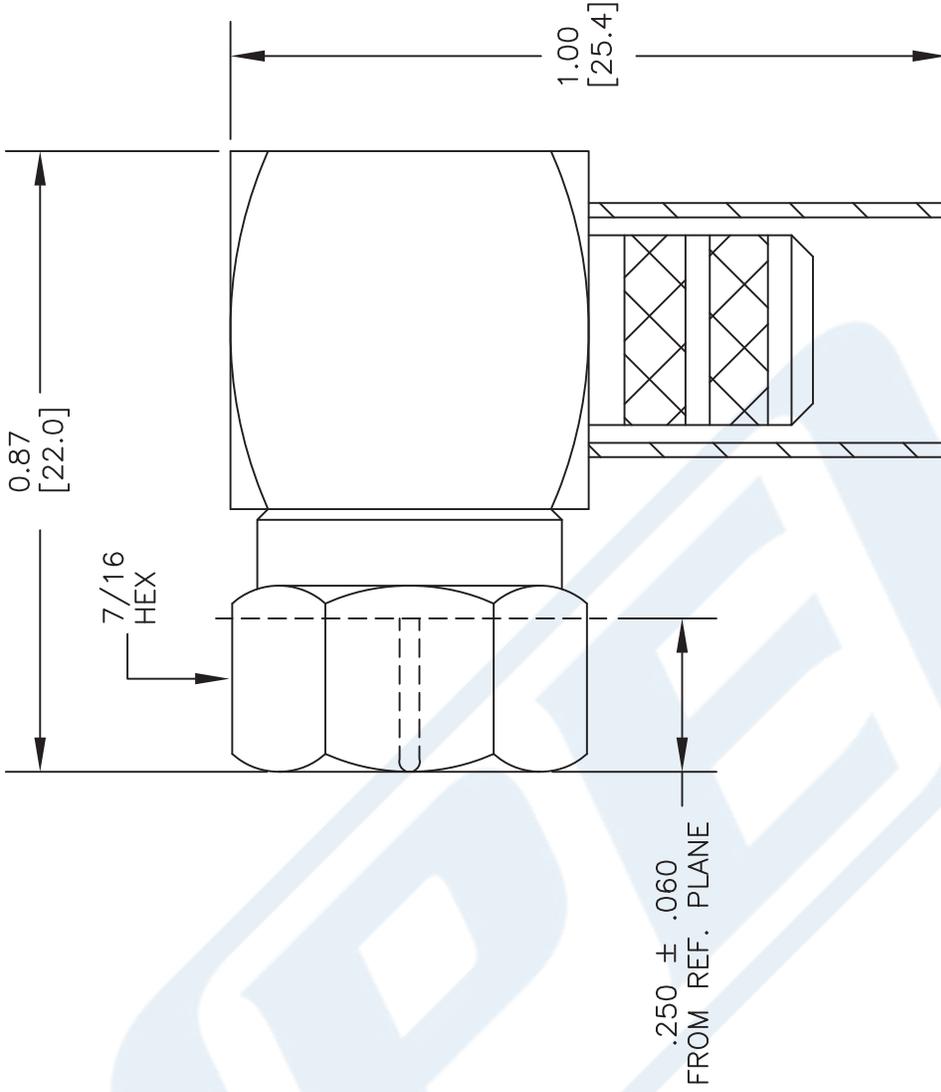
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URL: <https://www.pasternack.com/f-male-standard-rg6-catv-connector-pe44320-p.aspx>

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.

# PE44320 CAD Drawing

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



**STRIPPING DIMENSIONS  
ASSEMBLY PROCEDURES**

1. STRIP CABLE AS SHOWN. SLIDE FERRULE OVER CABLE.
2. INSTALL CABLE INTO BODY OF CONNECTOR AND SOFT SOLDER CENTER CONDUCTOR IN PLACE.
3. CRIMP FERRULE & PRESS CAP DOWN.

**CRIMP SIZE REQUIRED**

FERRULE: .314" HEX CRIMP TOOL

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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