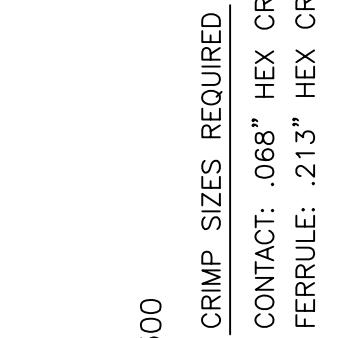
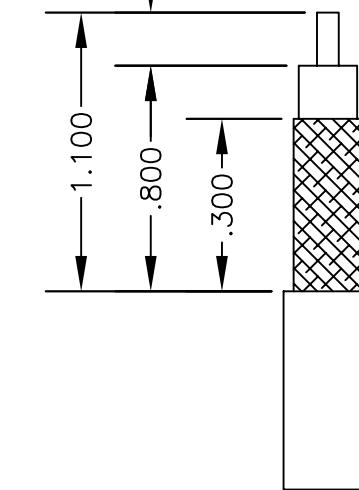
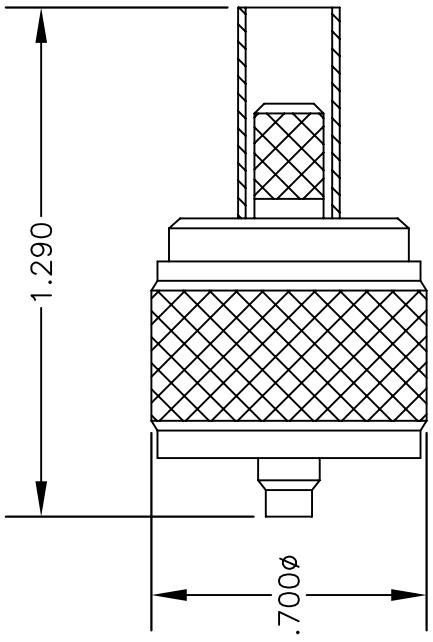


MATERIALS	
BODY	BRASS NICKEL PLATED
CONTACT	GOLD PLATED
INSULATOR	PTFE



 <b>PASTERNACK ENTERPRISES®</b> <small>ESTABLISHED 1972</small>	PASTERNAK ENTERPRISES, INC.	
	P.O. BOX 16759, IRVINE, CA 92623	PHONE (949) 261-1920 FAX (949) 261-7451
	WEB ADDRESS: <a href="http://www.pasternack.com">www.pasternack.com</a>	E-MAIL ADDRESS: <a href="mailto:sales@pasternack.com">sales@pasternack.com</a>
	COAXIAL & FIBER OPTICS	
DWG TITLE	DES.	UHF MALE, CRIMP ATTACHMENT FOR RG55, RG141, RG142, RG223 & RG400
<b>PE44053</b>	<b>FSCM NO. 53919</b>	CAD FILE 062402 SCALE N/A
SIZE A		127

STRIPPING DIMENSIONS

NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.



## C Male Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400

### RF Connectors Technical Data Sheet

PE4445

#### Configuration

- C Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry

- RG55, RG141, RG142, RG223, RG400 Interface Type
- Crimp/Solder Attachment

#### Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.45:1

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

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4445 type C male connector with crimp/solder attachment for RG55, RG141, RG142, RG223 and RG400 is part of our full line of RF components available for same-day shipping. Our type C male connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.45:1.

Our type C male connector PE4445 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		6	GHz
VSWR			1.45:1	
Operating Voltage (AC)			1,000	Vrms

#### Mechanical Specifications

##### Size

Length  
Width/Dia.

1.4 in [35.56 mm]  
0.75 in [19.05 mm]

Weight

0.055 lbs [24.95 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [C Male Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 PE4445](#)



## C Male Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400

### RF Connectors Technical Data Sheet

PE4445

#### Material Specifications

Description	Material	Plating
Contact	Brass	Silver 200 $\mu$ in minimum
Insulation	PTFE	
Body	Brass	Nickel 100 $\mu$ in minimum
Coupling Nut	Brass	Nickel 100 $\mu$ in minimum

#### Environmental Specifications

##### Temperature

Operating Range

-65 to +165 deg C

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

#### Plotted and Other Data

Notes:

C Male Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 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.

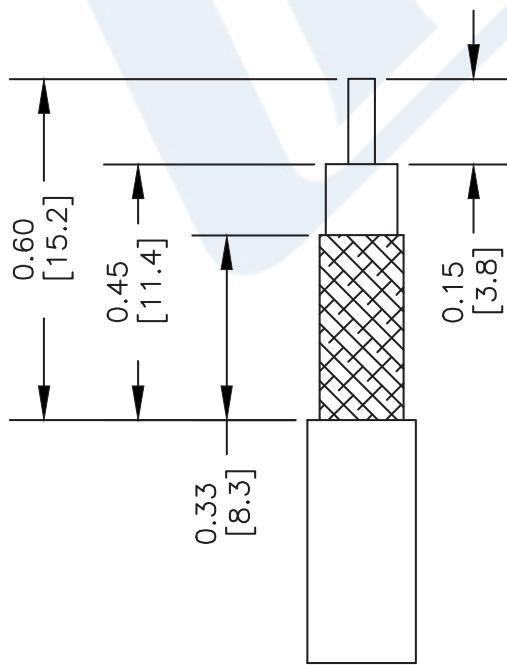
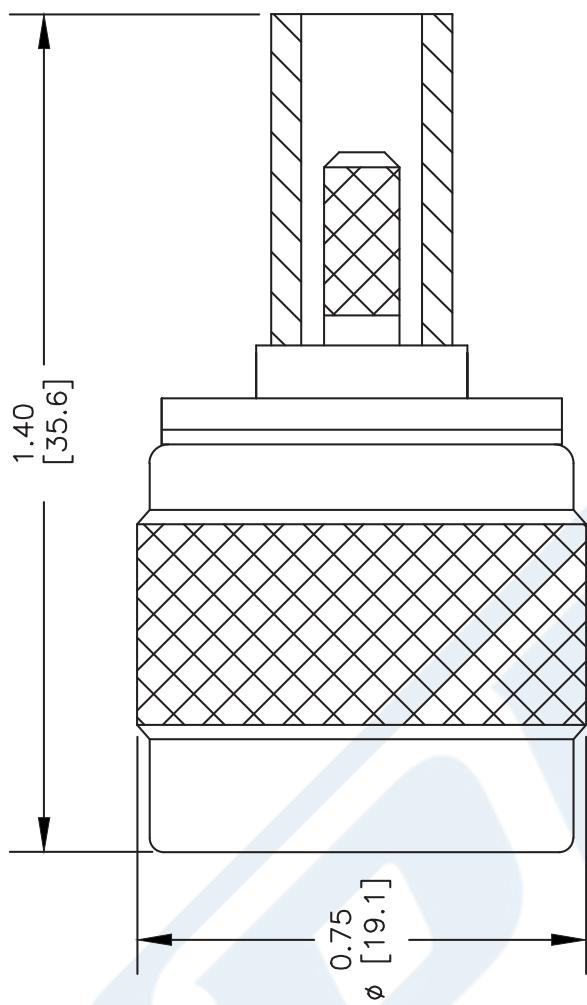
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [C Male Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 PE4445](#)

URL: <https://www.pasternack.com/c-male-standard-rg55-rg141-rg142-rg223-rg400-connector-pe4445-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.

# PE4445 CAD Drawing

C Male Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400



CONTACT: .100 HEX CRIMP TOOL  
FERRULE: .213" HEX CRIMP TOOL



Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623

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  
**PE4445**

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.

REV. -	FSCM NO.	53919	CAD FILE	060302	SCALE N/A	SIZE A	2233
--------	----------	-------	----------	--------	-----------	--------	------

# Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket

## TECHNICAL DATA SHEET

**RG400/U**

### Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket

#### Configuration

Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PTFE
Shield Materials	Silver Plated Copper Braid, Silver Plated Copper Braid
Jacket Material and Color	FEP, Tan

#### Electrical Specifications

Impedance, Ohms	50
Velocity of Propagation, %	69.5
Maximum Operating Frequency, GHz	12.4
Capacitance, pF/ft [pF/m]	32 [104.99]
Maximum Operating Voltage, Volts	1,900

#### Electrical Specifications by Frequency

##### Frequency 1

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	4.4 [14.44]

##### Frequency 2

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	14.7 [48.23]

##### Frequency 3

Frequency, GHz	5
Attenuation, dB/100ft [dB/100m]	36 [118.11]

##### Frequency 4

Frequency, GHz	11
Attenuation, dB/100ft [dB/100m]	57.9 [189.96]

#### Mechanical Specifications

##### Temperature

Operating Range, deg C	-55 to +200
------------------------	-------------

##### Inner Conductor

Number of Strands	19
Material	Copper
Plating	Silver
Diameter, in [mm]	0.039 [0.99]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket RG400/U](#)

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.



# Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket

## TECHNICAL DATA SHEET

**RG400/U**
**Dielectric:**

Type PTFE  
Diameter, in [mm] 0.116 [2.95]

**Shield:**

Number of 2  
Material 1 Silver Plated Copper Braid  
Material 2 Silver Plated Copper Braid  
Diameter, in [mm] 0.156 [3.96]

**Jacket:**

Material FEP  
Diameter, in [mm] 0.195 [4.95]  
Color Tan  
One Time Minimum Bend Radius, in [mm] 1 [25.4]  
Weight, lbs/ft [Kg/m] 0.046 [0.07]

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant Yes

**Plotted and Other Data**

Notes: Values at 25 °C, sea level

Flexible RG400 Coax Cable Double Shielded with Tan FEP 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.

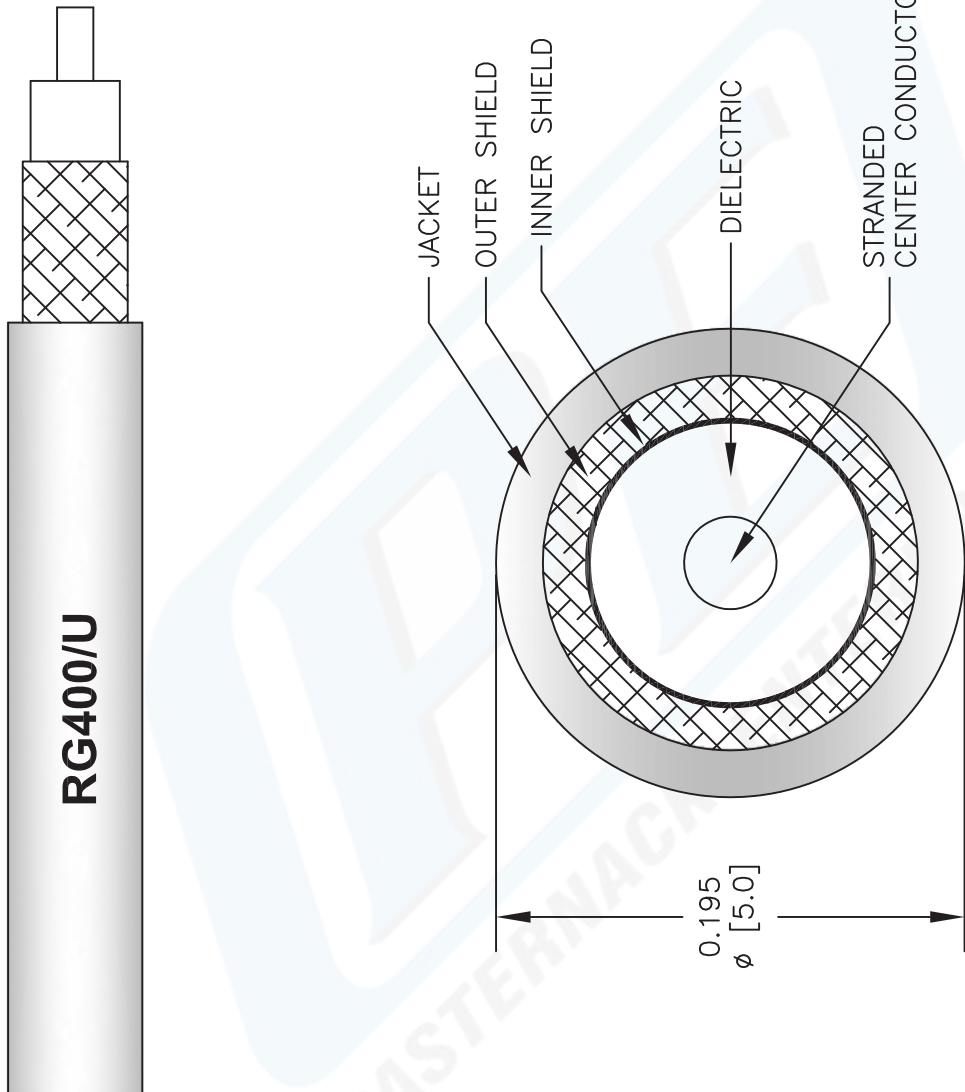
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket RG400/U](http://www.pasternack.com/flexible-0.195-rg400-stranded-center-conductor-50-ohm-coax-cable-fep-jacket-rg400-u-p.aspx)

URL: <http://www.pasternack.com/flexible-0.195-rg400-stranded-center-conductor-50-ohm-coax-cable-fep-jacket-rg400-u-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.

# RG400/U CAD Drawing

Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket



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].

PASTERNACK®	DWG TITLE	RG400/U		
FSCM NO.	CAD FILE	02908-A	SCALE	SIZE A
				2233

**PE PASTERNACK®**  
Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
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)