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BNC Male Right Angle Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400

RF Connectors
Technical Data Sheet

PE4345

Configuration

- BNC Male Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: RG55, RG141, RG142, RG223, RG400

Features

- Max. Operating Frequency 4 GHz
- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4345 BNC male right angle 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 BNC male connector operates up to a maximum frequency of 4 GHz. Its right angle body geometry allows for easier connections in tight spaces.

Our BNC male right angle connector PE4345 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		4	GHz
Operating Voltage (AC)			500	Vrms

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3					GHz
VSWR, Max	1.35:1					

Mechanical Specifications

Size

Length	1.35 in [34.29 mm]
Width/Dia.	0.57 in [14.48 mm]
Height	1.15 in [29.21 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: BNC Male Right Angle Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 PE4345

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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Weight	0.053 lbs [24.04 g]

Material Specifications

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

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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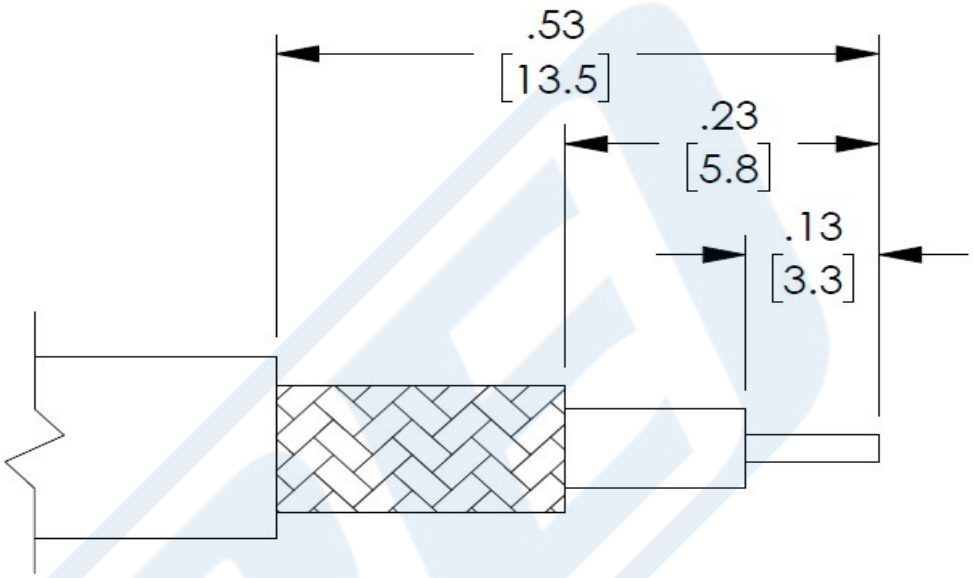


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RF Connectors
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PE4345

Assembly Instruction



ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN. SLIDE FERRULE OVER CABLE AND CRIMP CONTACT TO CENTER CONDUCTOR.
2. INSTALL CABLE INTO BODY. PUSH CABLE FORWARD UNTIL CONTACT IS IN THE CORRECT POSITION.
3. SLIDE FERRULE OVER BRAID AND CRIMP.

CRIMP SIZES

- CONTACT: .068 [1.73] HEX CRIMP TOOL.
- FERRULE: .213 [5.41] HEX CRIMP TOOL.

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RF Connectors
Technical Data Sheet

PE4345

BNC Male Right Angle 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 99.4% 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: BNC Male Right Angle Connector Crimp/Solder Attachment for RG55, RG141, RG142, RG223, RG400 PE4345

URL: https://www.pasternack.com/bnc-male-standard-rg55-rg141-rg142-rg223-rg400-connector-pe4345-p.aspx

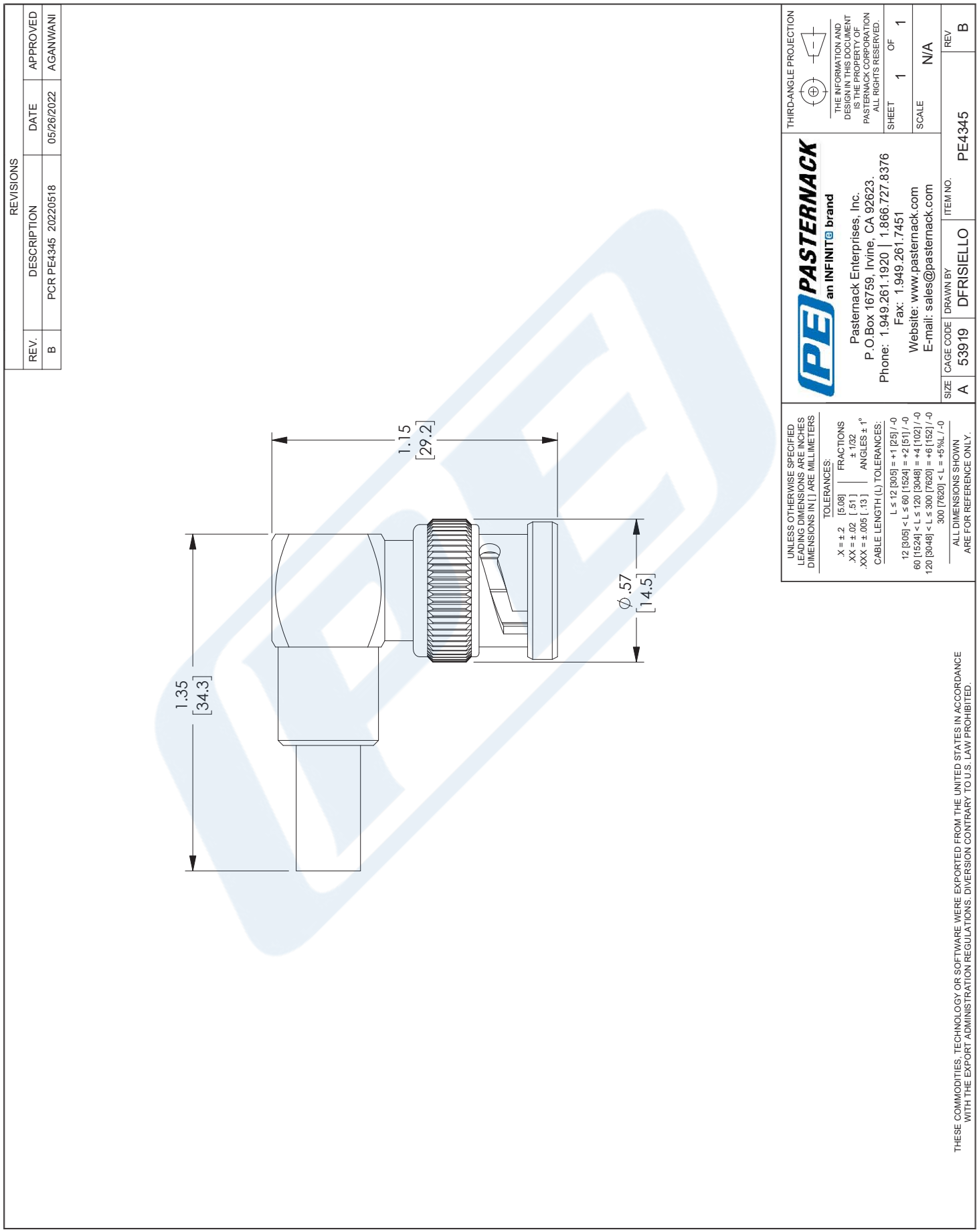
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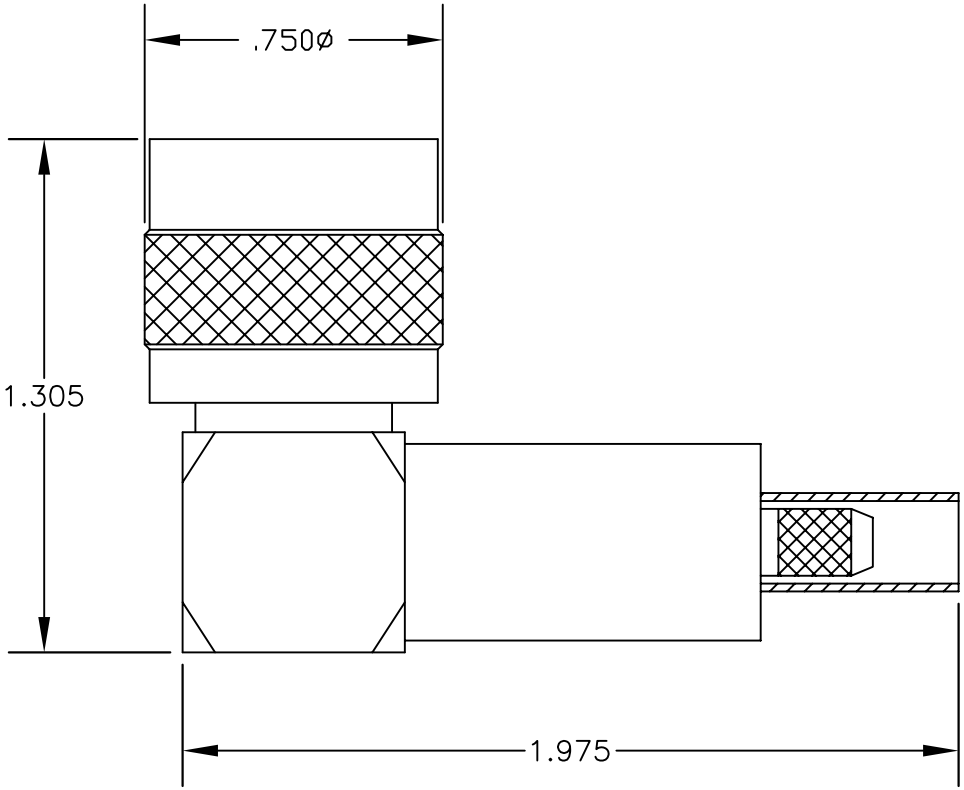
PE4345 CAD Drawing

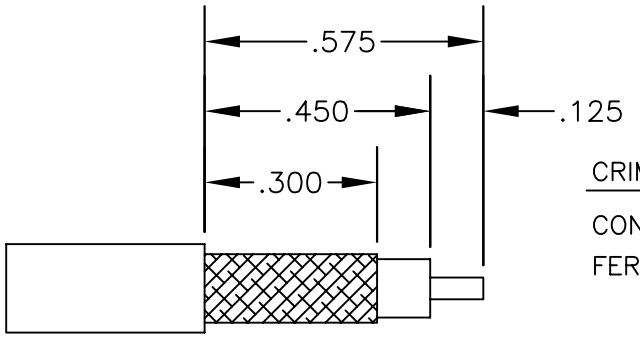
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MATERIALS	
BODY	BRASS NICKEL PLATED
CONTACT	SILVER PLATED
INSULATOR	PTFE





STRIPPING DIMENSIONS

CRIMP SIZES REQUIRED

CONTACT: .100" HEX CRIMP TOOL

FERRULE: .213" HEX CRIMP TOOL

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COAXIAL & FIBER OPTICS

DWG TITLE
PE4958

DES. C MALE, RIGHT ANGLE, CRIMP ATTACHMENT FOR RG55, RG141, RG142, RG223 & RG400

SIZE A	FSCM NO. 53919	CAD FILE 061402	SCALE N/A		127

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

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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

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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 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

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

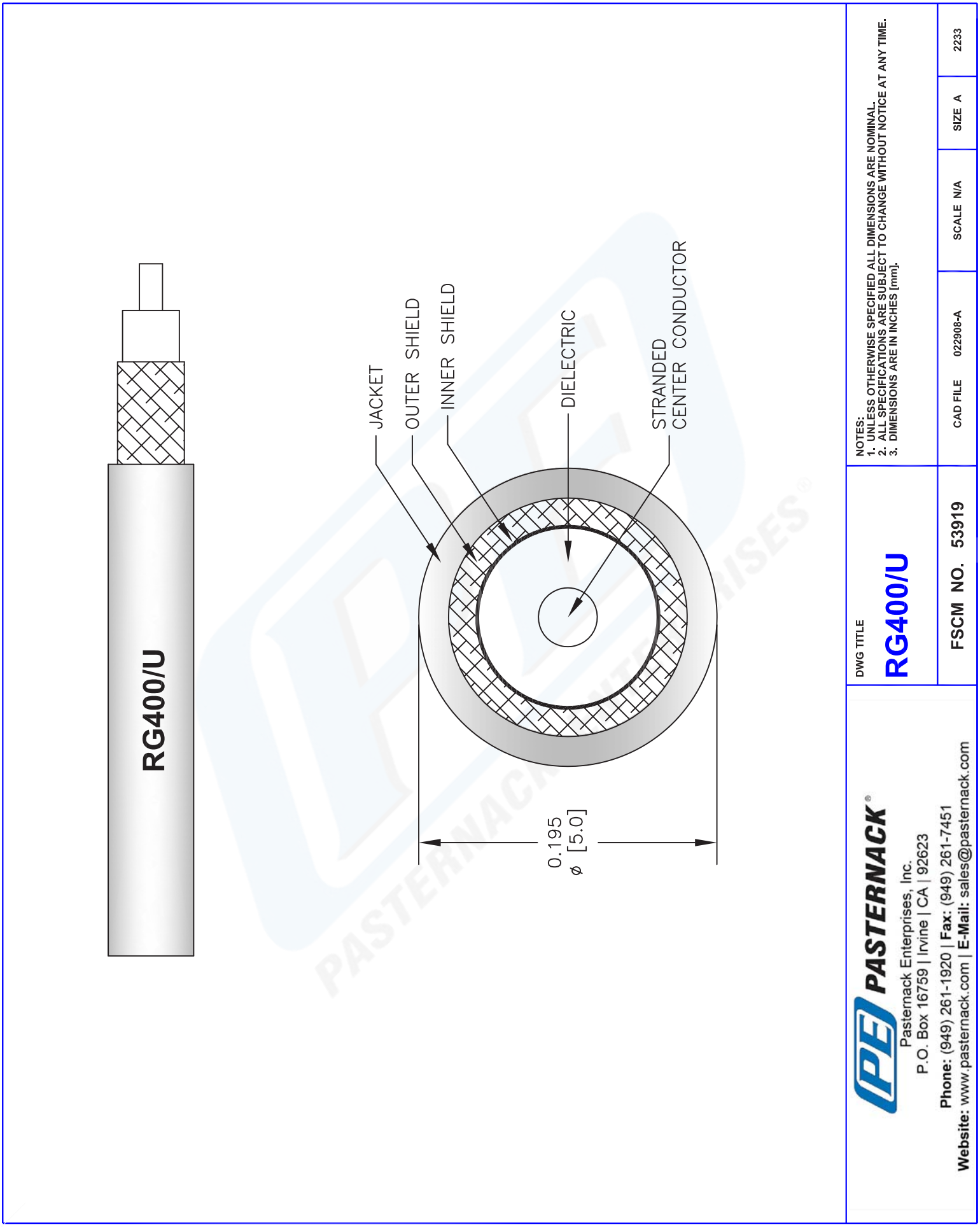
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RG400/U CAD Drawing

Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket



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