



C Male Right Angle Connector Crimp/Solder Attachment
For RG55, RG141, RG142, RG223, RG400

RF Connectors
Technical Data Sheet

PE4958

Configuration

- C Male Connector
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: RG55, RG141, RG142, RG223, RG400

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4958 type C Right Angle, C, Standard, Connector is part of our full line of RF components available for same-day shipping. Its right angle body geometry allows for easier connections in tight spaces.

Our type C male right angle connector PE4958 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.

Impedance	50	Ohms
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Mechanical Specifications

Size

Length	1.97 in [50.2 mm]
Width	0.75 in [19.1 mm]
Height	1.3 in [33.1 mm]
Weight	0.13 lbs [58.97 g]

Material Specifications

Description	Material	Plating
Body	Brass	Nickel

Environmental Specifications

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

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [C Male Right Angle Connector Crimp/Solder Attachment For RG55, RG141, RG142, RG223, RG400 PE4958](#)



C Male Right Angle Connector Crimp/Solder Attachment For RG55, RG141, RG142, RG223, RG400

RF Connectors Technical Data Sheet

PE4958

C 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.

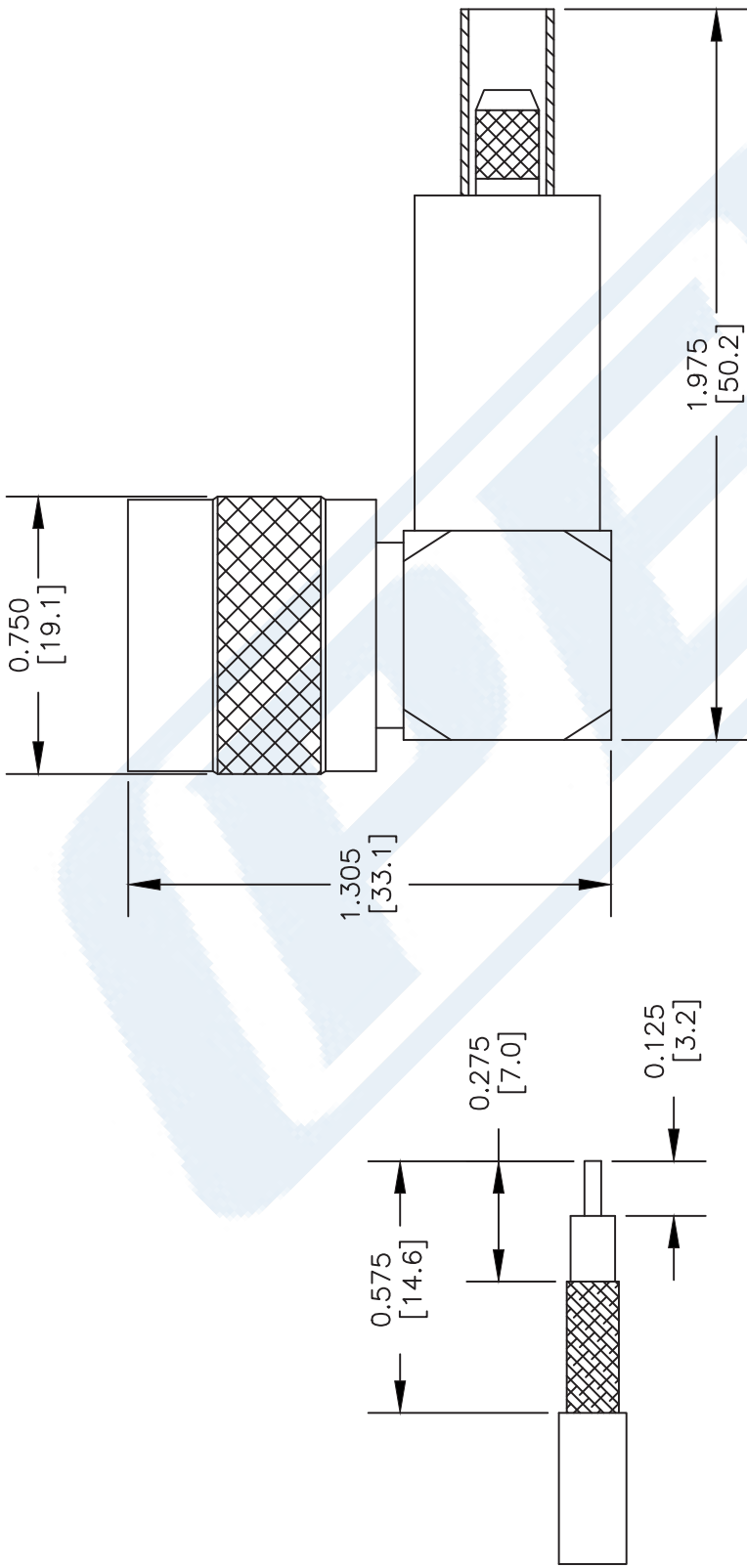
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [C Male Right Angle Connector Crimp/Solder Attachment For RG55, RG141, RG142, RG223, RG400 PE4958](https://www.pasternack.com/c-male-standard-rg55-rg141-rg142-rg223-rg400-connector-pe4958-p.aspx)

URL: <https://www.pasternack.com/c-male-standard-rg55-rg141-rg142-rg223-rg400-connector-pe4958-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.

PE4958 CAD Drawing

C Male Right Angle Connector Crimp/Solder Attachment
For RG55, RG141, RG142, RG223, RG400



STRIPPING DIMENSIONS

CRIMP SIZES REQUIRED

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 | E-Mail: sales@pasternack.com

DWG TITLE

PE4958

FSCM NO. 53919

CAD FILE 061402

SCALE N/A

SIZE A

XXXX

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.



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

RF Connectors Technical Data Sheet

PE4477

Configuration

- HN Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG55, RG142, RG223, RG400, RG141 Interface Type
- Crimp/Solder Attachment

Features

- Max. Operating Frequency 10 GHz
- Gold Plated Brass Contact
- 30 μ m minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4477 HN male connector with crimp/solder attachment for RG55, RG142, RG223, RG400 and RG141 is part of our full line of RF components available for same-day shipping. Our HN male connector operates up to a maximum frequency of 10 GHz.

Our HN male connector PE4477 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		10	GHz
Operating Voltage (AC)			1,500	Vrms

Mechanical Specifications

Size

Length	1.613 in [40.97 mm]
Width/Dia.	0.9 in [22.86 mm]
Weight	0.094 lbs [42.64 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [HN Male Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400, RG141 PE4477](#)



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

RF Connectors Technical Data Sheet

PE4477

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:

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

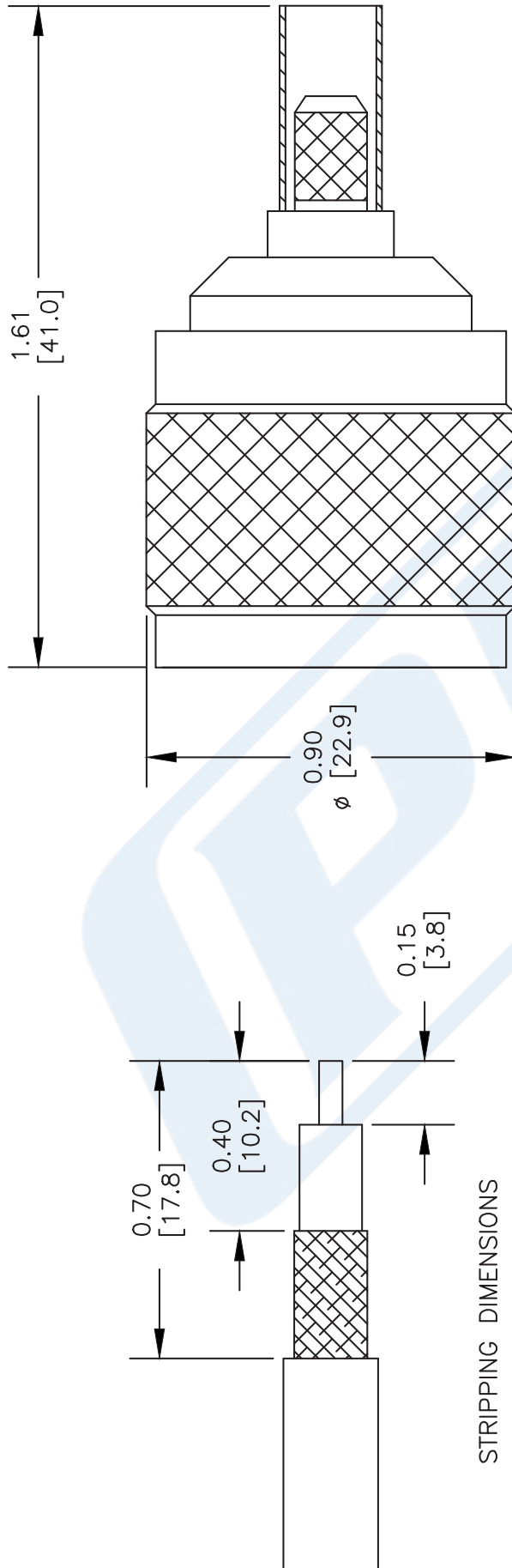
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [HN Male Connector Crimp/Solder Attachment for RG55, RG142, RG223, RG400, RG141 PE4477](#)

URL: <https://www.pasternack.com/hn-male-standard-rg55-rg142-rg223-rg400-connector-pe4477-p.aspx>

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PE4477 CAD Drawing

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



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: .100" HEX CRIMP TOOL

FERRULE: .213" HEX CRIMP TOOL

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 3. DIMENSIONS ARE IN INCHES [mm].
 4. FITS MIL-C-17 AND EQUIVALENT CABLES.

DWG TITLE

PE4477

REV. -

FSCM NO. 53919

CAD FILE 051602

SCALE N/A

SIZE A

2233



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



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
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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
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Plotted and Other Data

Notes:	Values at 25 °C, sea level
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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.

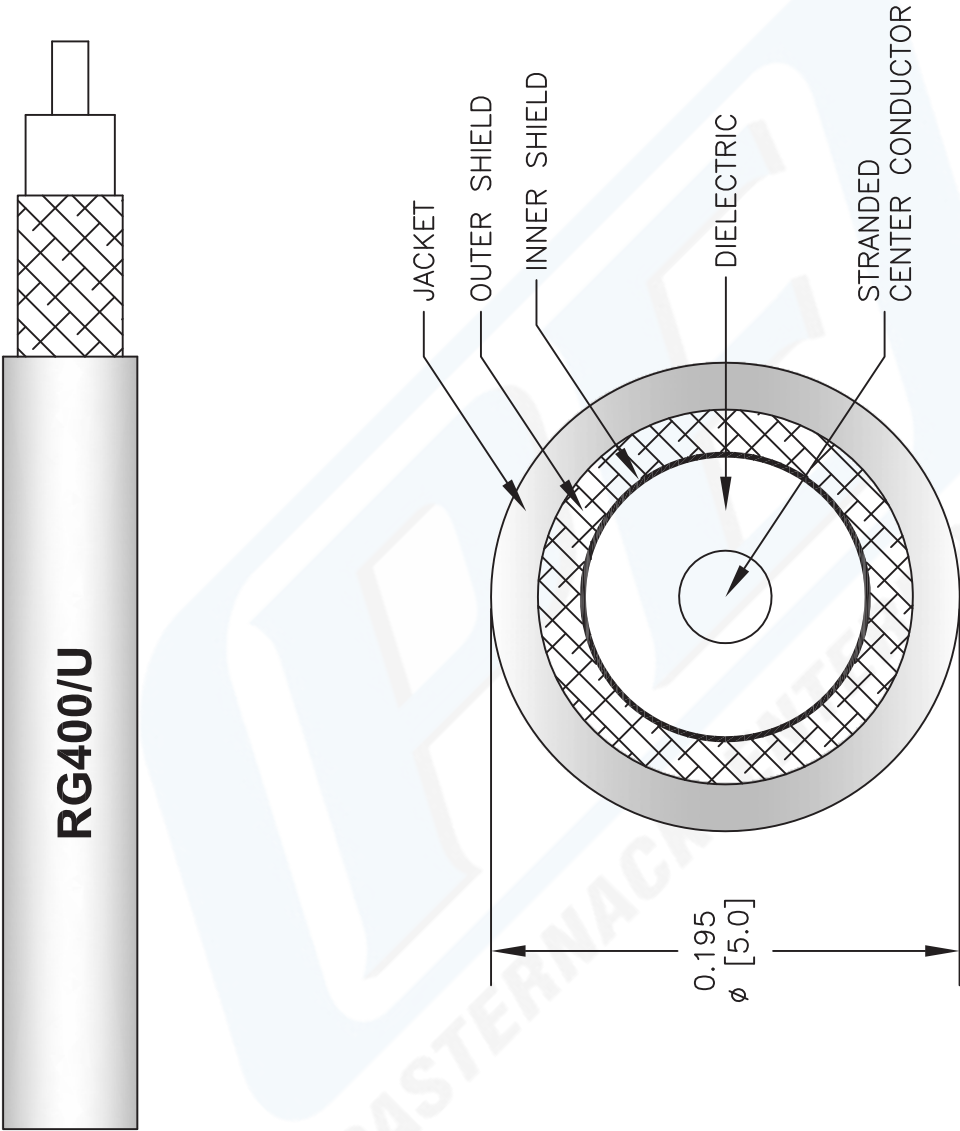
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG400 Coax Cable Double Shielded with Tan FEP Jacket RG400/U](#)

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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DWG TITLE

RG400/U

FSCM NO. 53919

2233

SIZE A

SCALE N/A

CAD FILE 022908-A



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Website: www.pasternack.com | E-Mail: sales@pasternack.com