



SC Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393, RG215

RF Connectors Technical Data Sheet

PE4979

Configuration

- SC Male Connector
- MIL-STD-348
- 50 Ohms
- Right Angle Body Geometry
- RG213, RG214, RG8, RG9, RG225, RG393, RG215 Interface Type
- Clamp/Solder Attachment

Features

- Max. Operating Frequency 11 GHz
- Silver Plated Brass Contact
- Contact plating according to QQ-S-365

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4979 SC male right angle connector with clamp/solder attachment for RG213, RG214, RG8, RG9, RG225, RG393 and RG215 is part of our full line of RF components available for same-day shipping. Our SC male connector operates up to a maximum frequency of 11 GHz. Its right angle body geometry allows for easier connections in tight spaces.

Our SC male right angle connector PE4979 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		11	GHz
Operating Voltage (AC)			1,000	Vrms
Dielectric Withstanding Voltage (AC)			3,000	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size

Length	1.865 in [47.37 mm]
Width/Dia.	0.8 in [20.32 mm]
Height	1.495 in [37.97 mm]
Weight	0.199 lbs [90.26 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SC Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393, RG215 PE4979](#)



SC Male Right Angle Connector Clamp/Solder Attachment
for RG213, RG214, RG8, RG9, RG225, RG393, RG215

RF Connectors Technical Data Sheet

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Material Specifications

Description	Material	Plating
Contact	Brass	Silver QQ-S-365
Insulation	PTFE	
Body	Brass	Nickel QQ-N-290
Coupling Nut	Brass	Nickel QQ-N-290

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

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

Plotted and Other Data

Notes:

SC Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393, RG215 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: [SC Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393, RG215 PE4979](#)

URL: <https://www.pasternack.com/sc-male-standard-rg213-rg214-rg8-rg9-rg225-rg393-connector-pe4979-p.aspx>

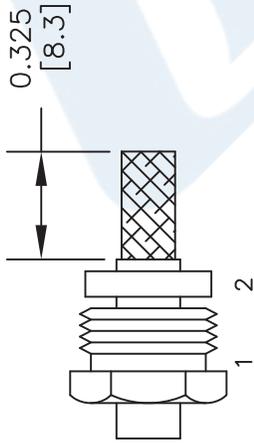
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such 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.

PE4979 CAD Drawing

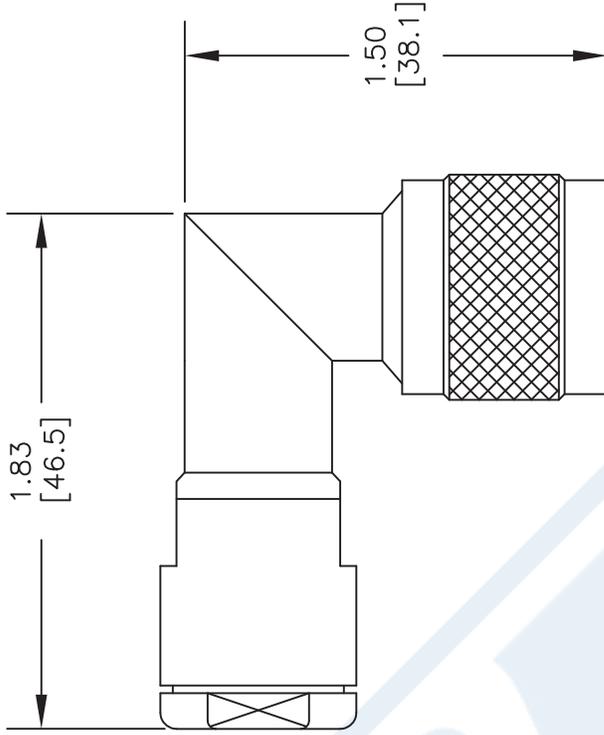
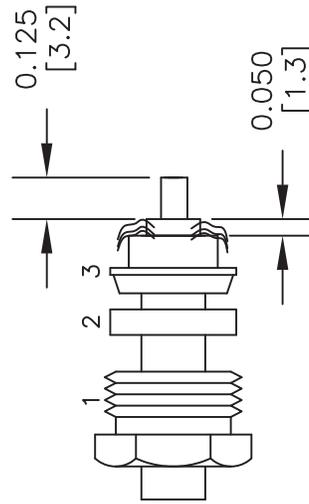
SC Male Right Angle Connector Clamp/Solder Attachment for
RG213, RG214, RG8, RG9, RG225, RG393, RG215

ASSEMBLY PROCEDURES

SLIDE CLAMP NUT (1) & GASKET (2) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (3) SLIDE BRAID CLAMP(3) OVER BRAID & SEAT AGAINST CABLE.



FORM BRAID OVER CLAMP NUT (3). TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR. SOLDER CONTACT TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.



DWG TITLE

PE4979

- 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 012314

SCALE N/A

SIZE A

2233



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HN Male Right Angle Connector Clamp/Solder Attachment for RG213, RG8, RG393, RG225, RG214, RG393, RG9

RF Connectors Technical Data Sheet

PE4230

Configuration

- HN Male Connector
- MIL-STD-348A
- 50 Ohms
- Right Angle Body Geometry
- RG213, RG8, RG393, RG225, RG214, RG393, RG9 Interface Type
- Clamp/Solder Attachment

Features

- Max. Operating Frequency 3 GHz
- Good VSWR of 1.3:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4230 HN male right angle connector with clamp/solder attachment for RG213, RG8, RG393, RG225, RG214, RG393 and RG9 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 3 GHz and offers good VSWR of 1.3:1. Its right angle body geometry allows for easier connections in tight spaces.

Our HN male right angle connector PE4230 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		3	GHz
VSWR			1.3:1	
Operating Voltage (AC)			1,500	Vrms

Mechanical Specifications

Size	
Length	1.85 in [46.99 mm]
Width/Dia.	0.866 in [22.00 mm]
Height	1.461 in [37.11 mm]
Weight	0.202 lbs [91.63 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 Right Angle Connector Clamp/Solder Attachment for RG213, RG8, RG393, RG225, RG214, RG393, RG9 PE4230](#)



HN Male Right Angle Connector Clamp/Solder Attachment
for RG213, RG8, RG393, RG225, RG214, RG393, RG9

RF Connectors Technical Data Sheet

PE4230

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:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [HN Male Right Angle Connector Clamp/Solder Attachment for RG213, RG8, RG393, RG225, RG214, RG393, RG9 PE4230](#)

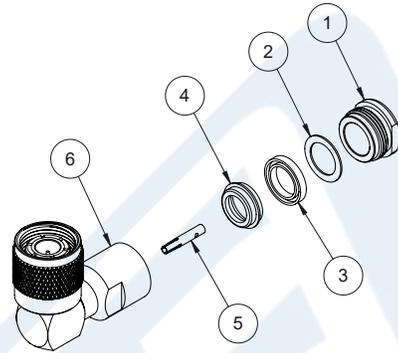


HN Male Right Angle Connector Clamp/Solder Attachment
for RG213, RG8, RG393, RG225, RG214, RG393, RG9

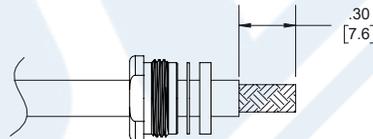
RF Connectors Technical Data Sheet

PE4230

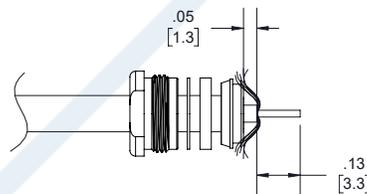
Assembly Instruction



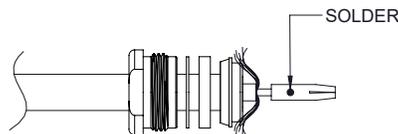
1. SLIDE CLAMP NUT ①, THIN-WASHER ② & GASKET ③ OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF CLAMP.



2. SLIDE BRAID CLAMP ④ OVER BRAID & SEAT AGAINST CABLE. FORM BRAID OVER CLAMP NUT. TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC & CENTER CONDUCTOR TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR.



3. SOLDER CONTACT ⑤ TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY ⑥ & TIGHTEN.



Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [HN Male Right Angle Connector Clamp/Solder Attachment for RG213, RG8, RG393, RG225, RG214, RG393, RG9 PE4230](#)



HN Male Right Angle Connector Clamp/Solder Attachment for RG213, RG8, RG393, RG225, RG214, RG393, RG9

RF Connectors Technical Data Sheet

PE4230

HN Male Right Angle Connector Clamp/Solder Attachment for RG213, RG8, RG393, RG225, RG214, RG393, RG9 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.

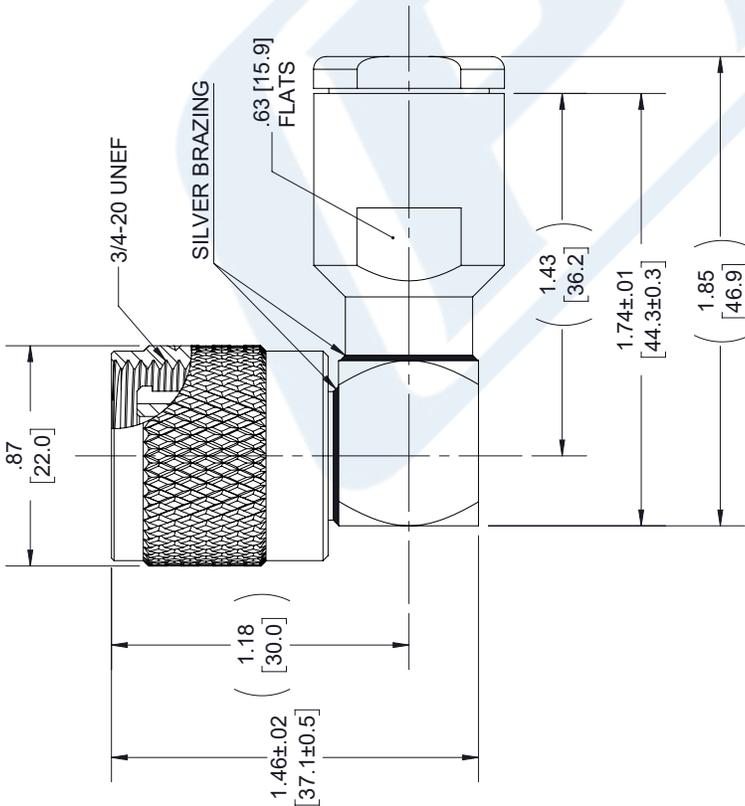
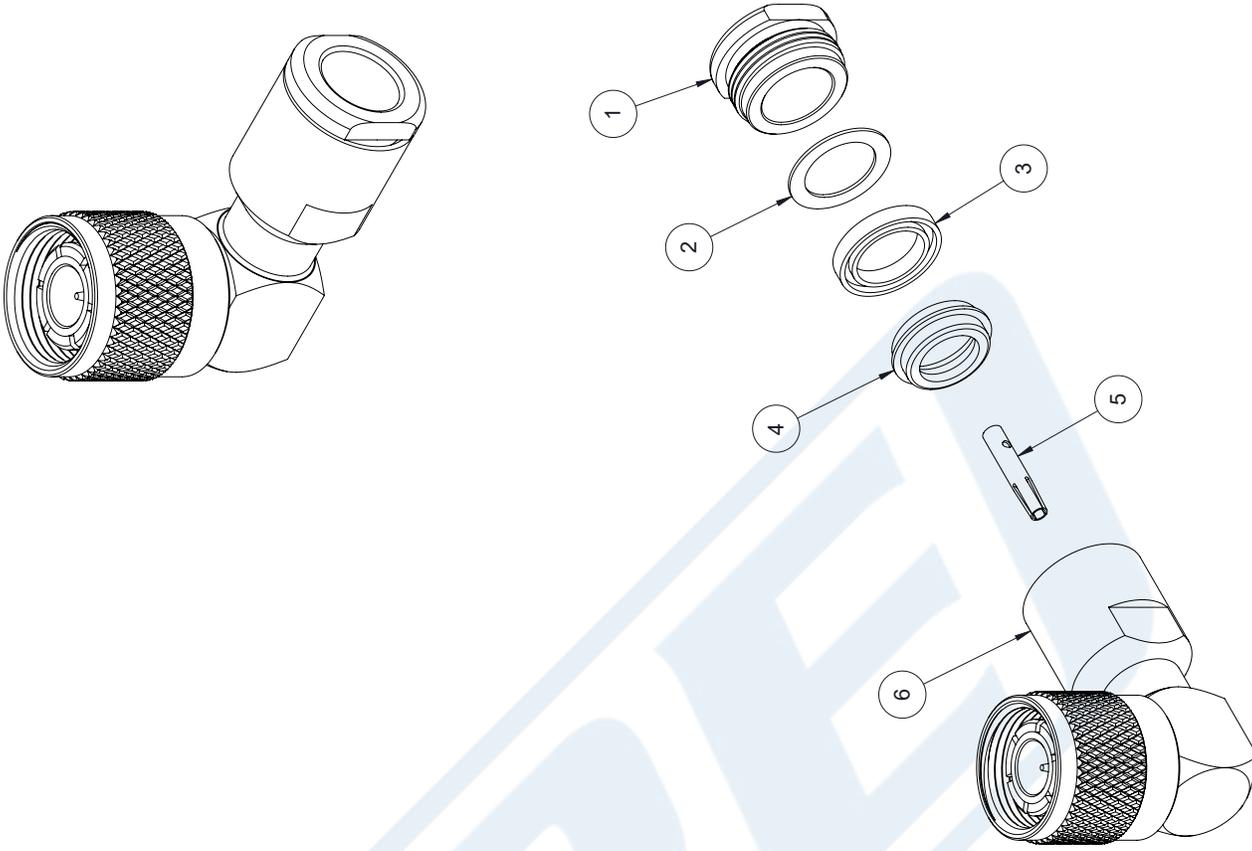
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URL: <https://www.pasternack.com/hn-male-standard-rg213-rg214-rg8-rg9-rg225-rg393-connector-pe4230-p.aspx>

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PE4230 CAD Drawing

HN Male Right Angle Connector Clamp/Solder Attachment for
RG213, RG8, RG393, RG225, RG214, RG393, RG9



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.01
.XXX	±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



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DWG TITLE

PE4230

CAGE CODE 53919

NOTES:
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3. DIMENSIONS ARE IN INCHES [mm].

CAD FILE 102517

SCALE N/A

SIZE A

7361



Flexible RG8 Coax Cable Single Shielded with Black PVC (NC) Jacket

TECHNICAL DATA SHEET

RG8A/U

Flexible RG8 Coax Cable Single Shielded with Black PVC (NC) Jacket

Configuration

Inner Conductor Material and Plating	Copper
Dielectric Type	PE (LD)
Shield Materials	Copper Braid
Jacket Material and Color	PVC (NC), Black

Electrical Specifications

Impedance, Ohms	50
Velocity of Propagation, %	66
Maximum Operating Frequency, MHz	1000
Capacitance, pF/ft [pF/m]	30.8 [101.05]

Electrical Specifications by Frequency

Frequency 1

Frequency, MHz	1
Attenuation, dB/100ft [dB/100m]	0.2 [0.66]

Frequency 2

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	0.6 [1.97]

Frequency 3

Frequency, MHz	50
Attenuation, dB/100ft [dB/100m]	1.3 [4.27]

Frequency 4

Frequency, MHz	400
Attenuation, dB/100ft [dB/100m]	4.1 [13.45]

Frequency 5

Frequency, MHz	700
Attenuation, dB/100ft [dB/100m]	6.5 [21.33]

Frequency 6

Frequency, MHz	900
Attenuation, dB/100ft [dB/100m]	7.6 [24.93]

Frequency 7

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	8 [26.25]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG8 Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG8A/U](#)

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Flexible RG8 Coax Cable Single Shielded with Black PVC (NC) Jacket

TECHNICAL DATA SHEET

RG8A/U

Mechanical Specifications

Inner Conductor

Number of Strands	7
Material	Copper
Diameter, in [mm]	0.085 [2.16]

Dielectric:

Type	PE (LD)
Diameter, in [mm]	0.285 [7.24]

Shield:

Number of	1
Material 1	Copper Braid

Jacket:

Material	PVC (NC)
Diameter, in [mm]	0.405 [10.29]
Color	Black
Weight, lbs/ft [Kg/m]	0.12 [0.18]

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 RG8 Coax Cable Single Shielded with Black PVC (NC) 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.

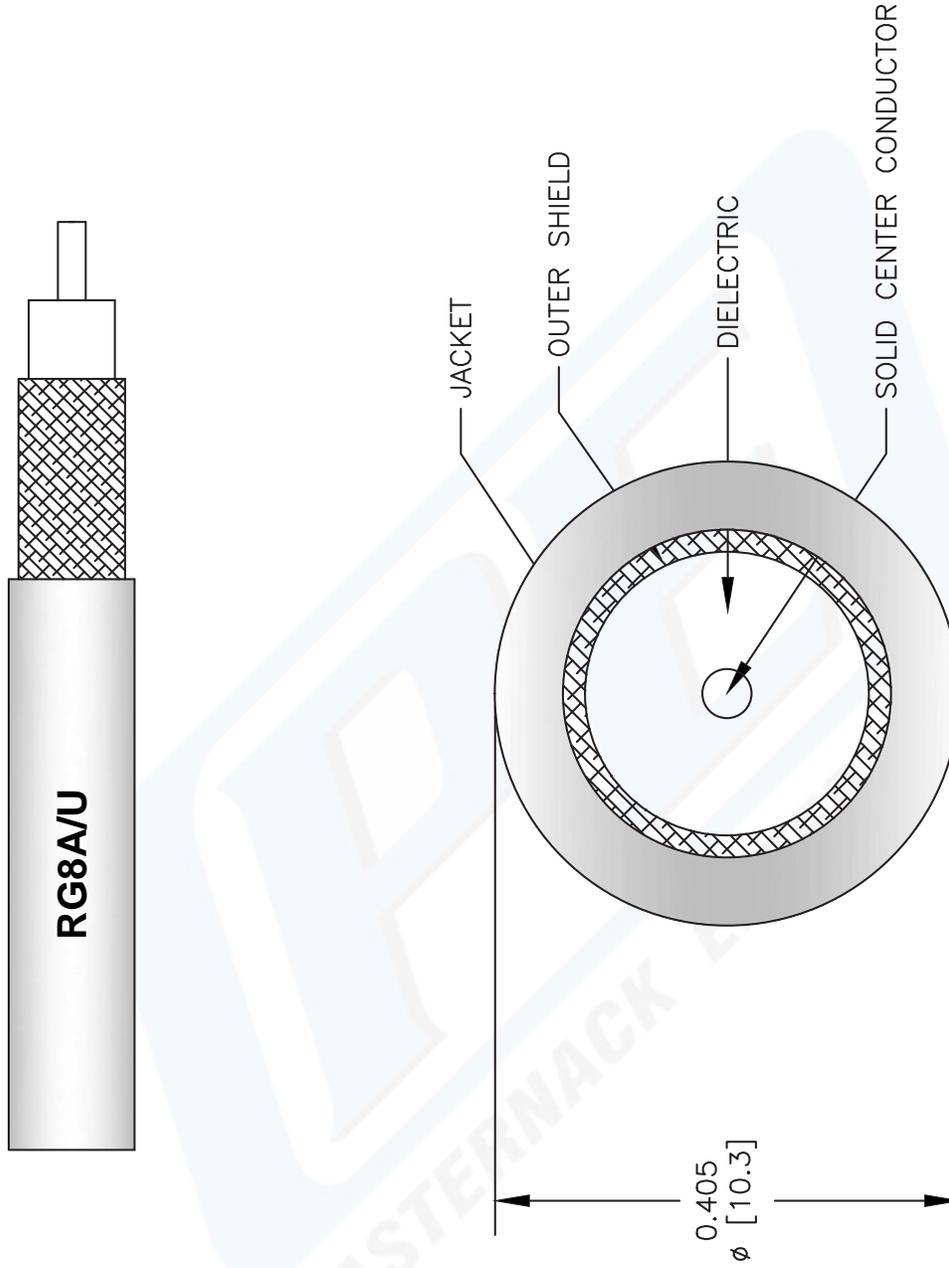
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG8 Coax Cable Single Shielded with Black PVC \(NC\) Jacket RG8A/U](#)

URL: <http://www.pasternack.com/flexible-0.405-rg8-52-ohm-coax-cable-pvc-jacket-rg8a-u-p.aspx>

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RG8A/U CAD Drawing

Flexible RG8 Coax Cable Single Shielded with Black PVC (NC) Jacket



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DWG TITLE		CAD FILE		SCALE		SIZE	
RG8A/U		022513-C		N/A		A	
REV. C	FSCM NO. 53919					XXXX	

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