



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

RF Connectors Technical Data Sheet

PE4182

Configuration

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

Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.5:1
- Gold Plated Brass Contact
- 30 μ m minimum contact plating

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4182 HN male connector with clamp/solder attachment for RG213, RG214, RG8, RG9, RG225 and RG393 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 6 GHz and offers good VSWR of 1.5:1.

Our HN male connector PE4182 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			1.5:1	
Operating Voltage (AC)			1,500	Vrms

Mechanical Specifications

Size	
Length	2.23 in [56.64 mm]
Width/Dia.	0.866 in [22.00 mm]
Weight	0.169 lbs [76.66 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 Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393 PE4182](#)



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

RF Connectors Technical Data Sheet

PE4182

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 Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393 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: [HN Male Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG225, RG393 PE4182](#)

URL: <https://www.pasternack.com/hn-male-standard-rg213-rg214-rg8-rg9-rg225-rg393-connector-pe4182-p.aspx>

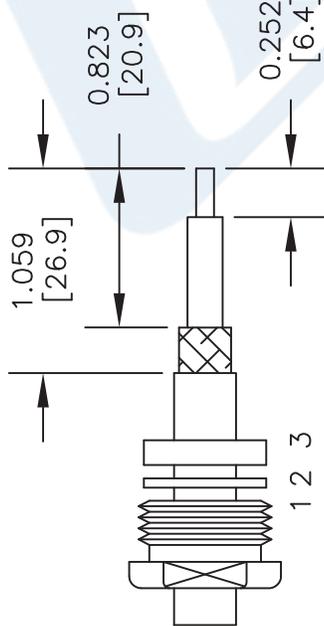
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PE4182 CAD Drawing

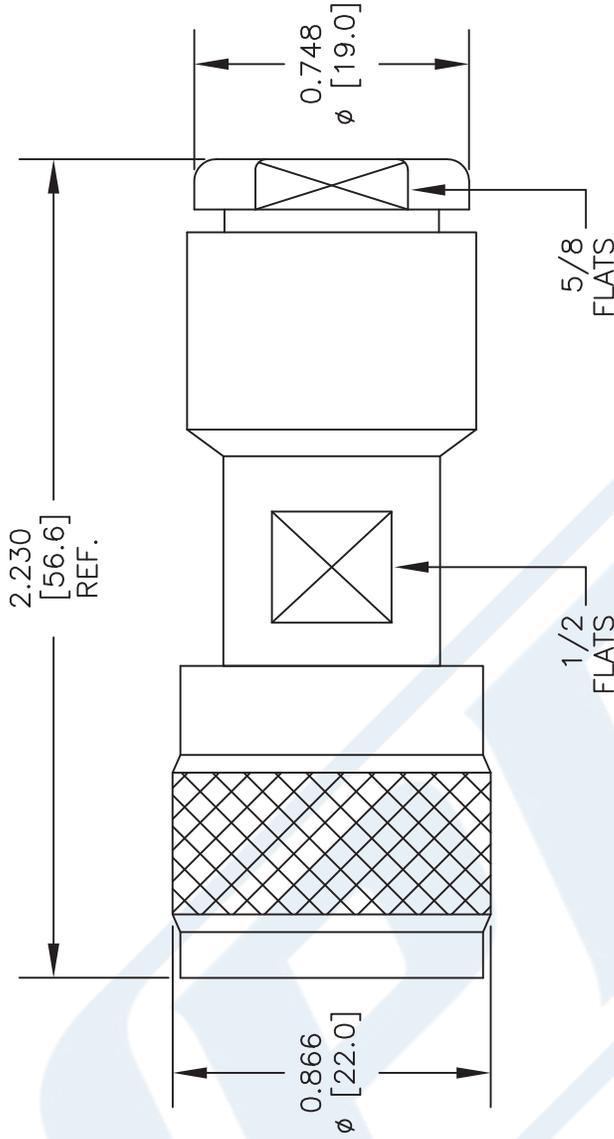
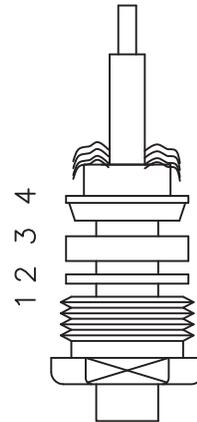
HN Male Connector Clamp/Solder Attachment for RG213,
RG214, RG8, RG9, RG225, RG393

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), 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 BRAID CLAMP (4). SLIDE BRAID CLAMP (4) OVER BRAID & SEAT AGAINST CABLE.



2. FORM BRAID OVER CLAMP NUT (4). TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC & CENTER CONDUCTOR 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

PE4182

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.

CAGE CODE 53919

CAD FILE 030617

SCALE N/A

SIZE A

2233

(PE) PASTERNAK®
THE ENGINEER'S RF SOURCE

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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 μ m 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](#)

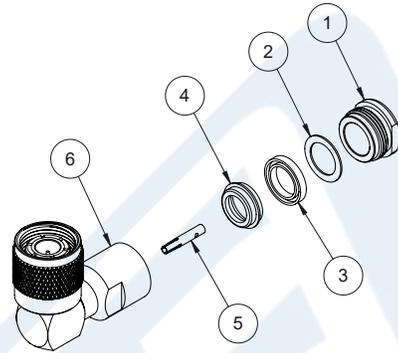


HN Male Right Angle Connector Clamp/Solder Attachment
for RG213, RG8, RG393, RG225, RG214, RG393, RG9

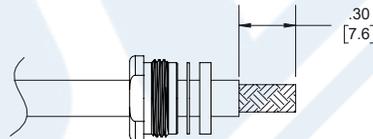
RF Connectors Technical Data Sheet

PE4230

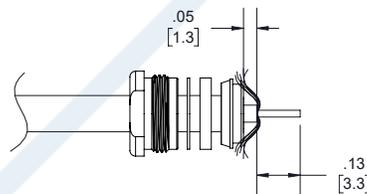
Assembly Instruction



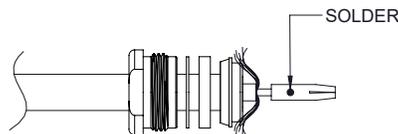
1. SLIDE CLAMP NUT ①, THIN-WASHER ② & GASKET ③ OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF CLAMP.



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.

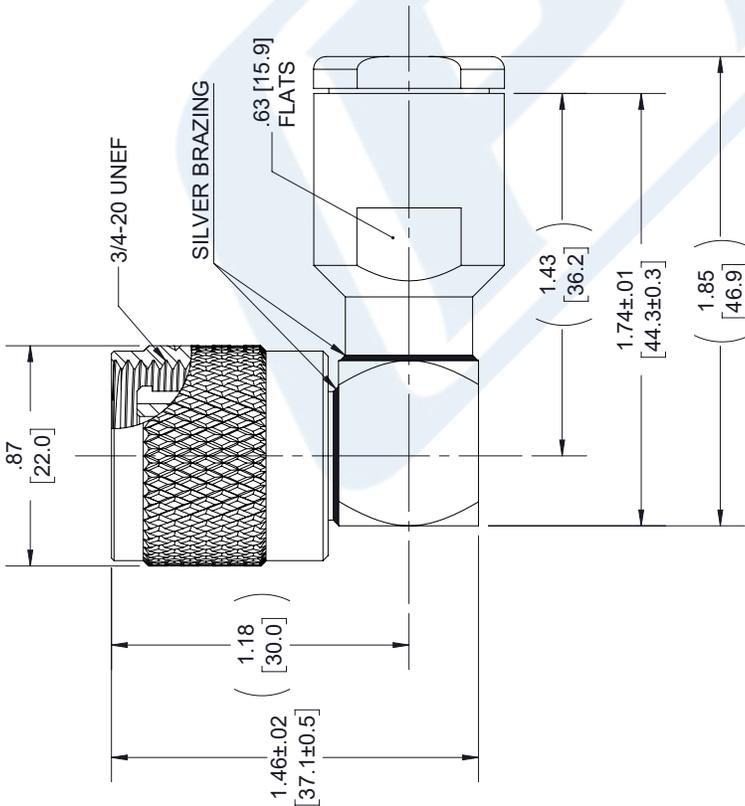
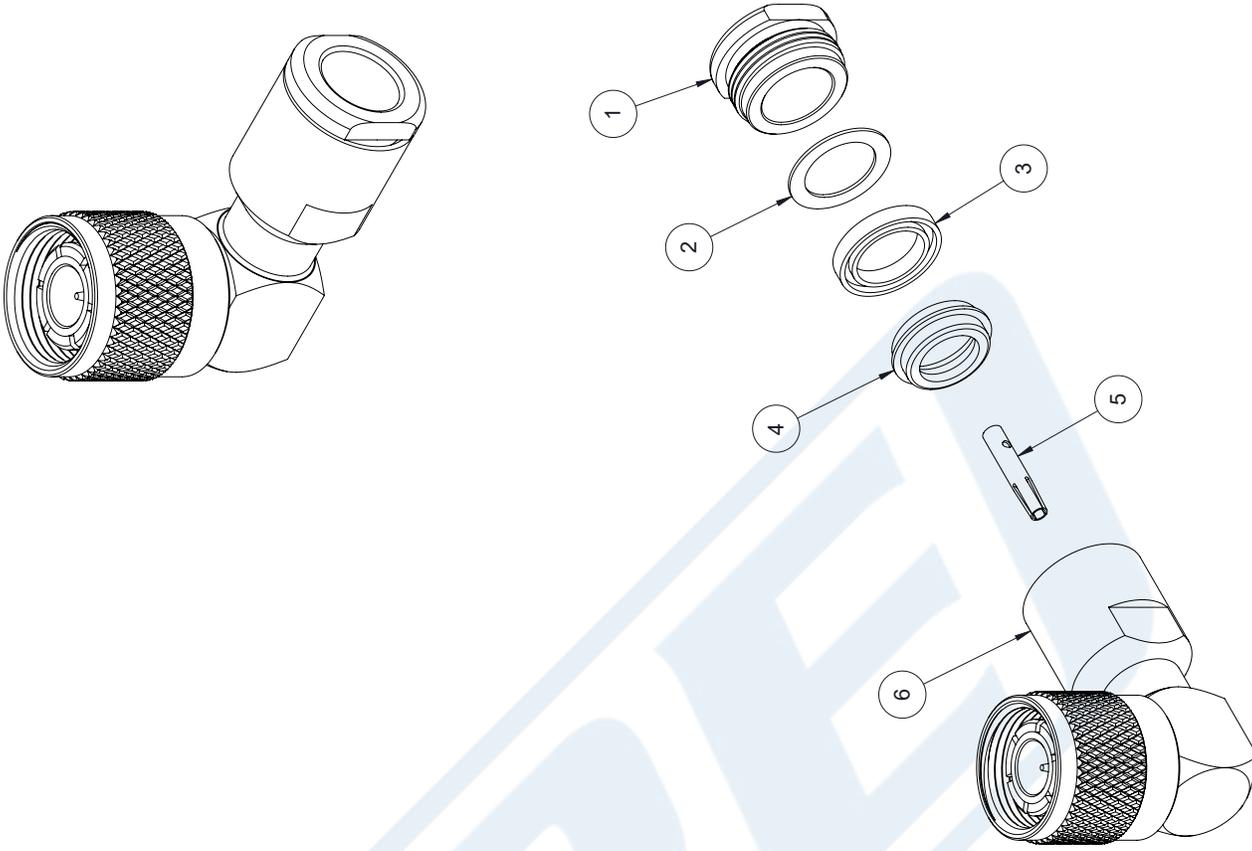
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PE4230 CAD Drawing

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**

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CAD FILE 102517

SCALE N/A

SIZE A

7361



Flexible RG214 Coax Cable Double Shielded with Black PVC Jacket

RF Cables Technical Data Sheet

RG214/U

Configuration

- Flexible Cable
- 2 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		11	GHz
Impedance		50		Ohms
Velocity of Propagation		66		%
Operating Voltage (AC)			5,000	Vrms
Nominal Capacitance		30.8 [101.05]		pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	0.01	1	3	5	10	GHz
Attenuation, Typ	2.02	7.32	14.21	19.63	33.81	dB/100ft
	6.63	24.02	46.62	64.4	110.93	

Mechanical Specifications

Diameter	0.425 in [10.8 mm]
Weight	0.122 lbs/ft [0.18 Kg/m]
Min. Bend Radius (Repeated)	1.6 in [40.64 mm]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, Silver, 7 Strands	
Conductor Type	Stranded	
Dielectric	PE	0.285 in [7.24 mm]
First Shield	Silver Plated Copper Braid 90% coverage	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG214 Coax Cable Double Shielded with Black PVC Jacket RG214/U](#)



Flexible RG214 Coax Cable Double
Shielded with Black PVC Jacket

RF Cables Technical Data Sheet

RG214/U

Second Shield	Silver Plated Copper Braid 90% coverage	0.331 in [8.41 mm]
Jacket	PVC, Black	0.425 in [10.8 mm]

Environmental Specifications

Temperature

Operating Range

-20 to +80 deg C

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

Plotted and Other Data

Notes:

Flexible RG214 Coax Cable Double Shielded with Black PVC Jacket 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.

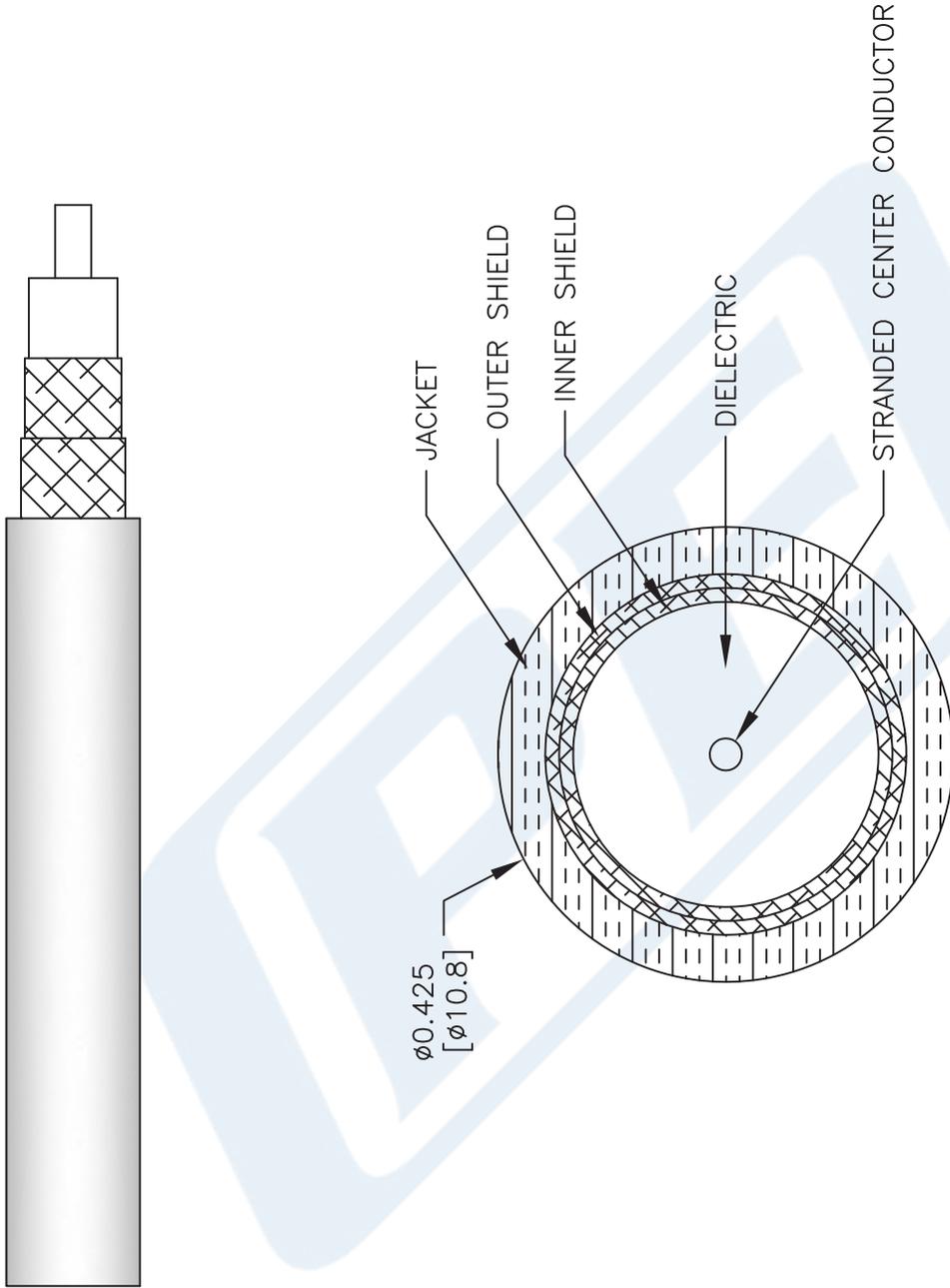
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG214 Coax Cable Double Shielded with Black PVC Jacket RG214/U](#)

URL: <https://www.pasternack.com/flexible-0.425-rg214-50-ohm-coax-cable-pvc-jacket-rg214-u-p.aspx>

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RG214/U CAD Drawing

Flexible RG214 Coax Cable Double Shielded with Black PVC Jacket



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DWG TITLE
RG214/U

FSCM NO. 53919

CAD FILE 111716

SCALE N/A

SIZE A

41742

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