



## C Male Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393

### RF Connectors Technical Data Sheet

PE4375

#### Configuration

- C Male Connector
- MIL-STD-348
- 50 Ohms

- Straight Body Geometry
- RG214, RG9, RG225, RG393 Interface Type
- Crimp/Solder Attachment

#### Features

- Silver Plated Contact
- Contact plating according to QQ-S-365

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4375 type C male connector with crimp/solder attachment for RG214, RG9, RG225 and RG393 is part of our full line of RF components available for same-day shipping.

Our type C male connector PE4375 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.

#### Mechanical Specifications

##### Size

Length  
Width/Dia.

1.5 in [38.1 mm]

0.75 in [19.05 mm]

Weight

0.065 lbs [29.48 g]

#### Material Specifications

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

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 RG214, RG9, RG225, RG393 PE4375](#)



## C Male Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393

### RF Connectors Technical Data Sheet

PE4375

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

#### Plotted and Other Data

Notes:

C Male Connector Crimp/Solder Attachment for RG214, 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% availability and are part of the broadest selection in the industry.

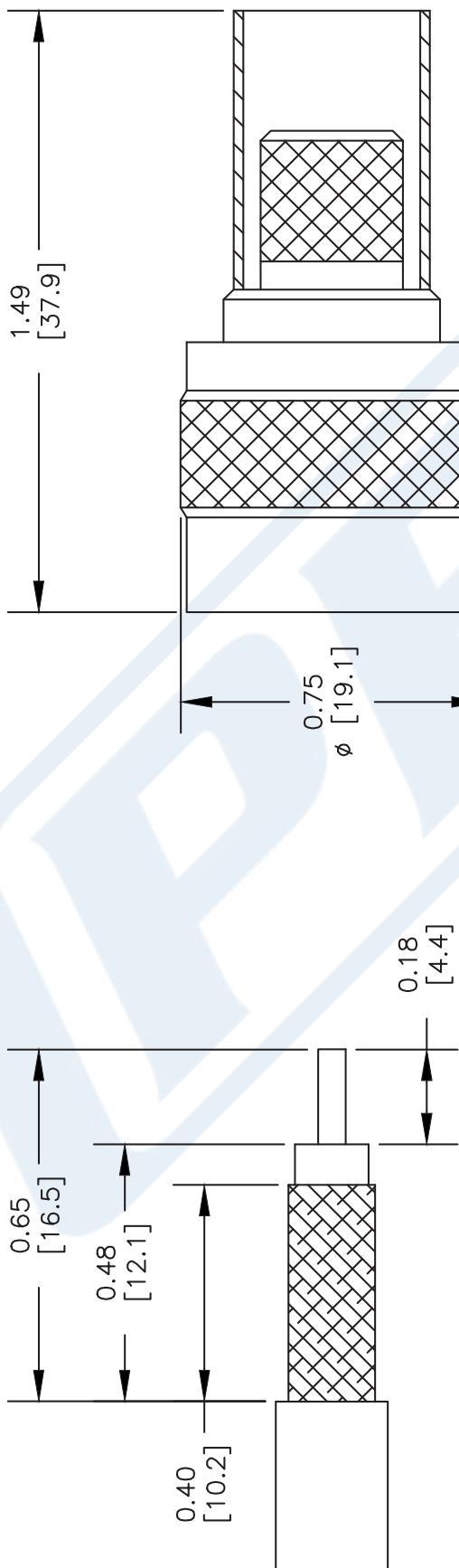
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [C Male Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393 PE4375](#)

URL: <https://www.pasternack.com/c-male-standard-rg214-rg9-rg225-rg393-connector-pe4375-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.

# PE4375 CAD Drawing

C Male Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393



CONTACT: SOLDER  
FERRULE: .429" HEX CRIMP TOOL



Pasternack Enterprises, Inc.

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Phone: (949) 261-1920 | Fax: (949) 261-7451

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DWG TITLE  
**PE4375**

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	051602	SCALE N/A	SIZE A	2233
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C Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215

## RF Connectors Technical Data Sheet

**PE4244**

### Configuration

- C Male Connector
- MIL-STD-348A
- 50 Ohms

- Right Angle Body Geometry
- Connector Interface Types: RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215

### Features

- Max. Operating Frequency 3 GHz
- Good VSWR of 1.3:1

- Gold Plated Brass Contact

### Applications

- General Purpose Test
- Custom Cable Assemblies

### Description

Pasternack's PE4244 type C male right angle connector with clamp/solder attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216 and RG215 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 3 GHz and offers good VSWR of 1.3:1. Its right angle body geometry allows for easier connections in tight spaces.

Our type C male right angle connector PE4244 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)			1,000	Vrms

### Mechanical Specifications

#### Size

Length	1.86 in [47.24 mm]
Width/Dia.	0.748 in [19.00 mm]
Height	1.327 in [33.71 mm]
Weight	0.179 lbs [81.19 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 Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215 PE4244](#)



C Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215

## RF Connectors Technical Data Sheet

**PE4244**

### Material Specifications

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

### Mechanical Specification Notes:

When attaching the connector to the cable use a clamp torque value of 60 to 65 in-lbs [6.78 to 7.34 Nm]

### 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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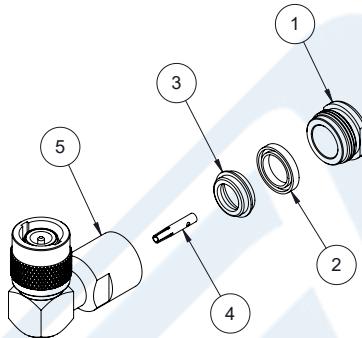


C Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215

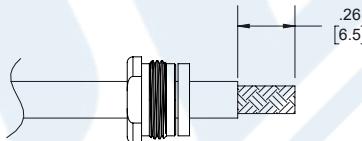
**RF Connectors**  
**Technical Data Sheet**

**PE4244**

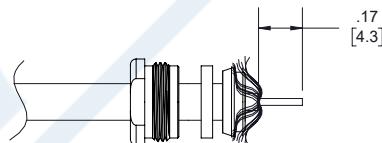
**Assembly Instruction**



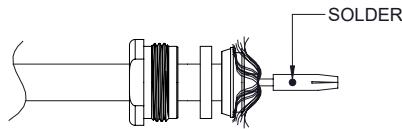
1. SLIDE CLAMP NUT ① & GASKET ② OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF CLAMP.



2. SLIDE BRAID CLAMP ③ OVER BRAID & SEAT AGAINST CABLE. FORM BRAID OVER CLAMP NUT. TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR.



3. SOLDER CONTACT ④ TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY ⑤ & TIGHTEN.



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 Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215 PE4244](#)



C Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG16, RG215

**RF Connectors**  
**Technical Data Sheet**

**PE4244**

C Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG16, RG215 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.

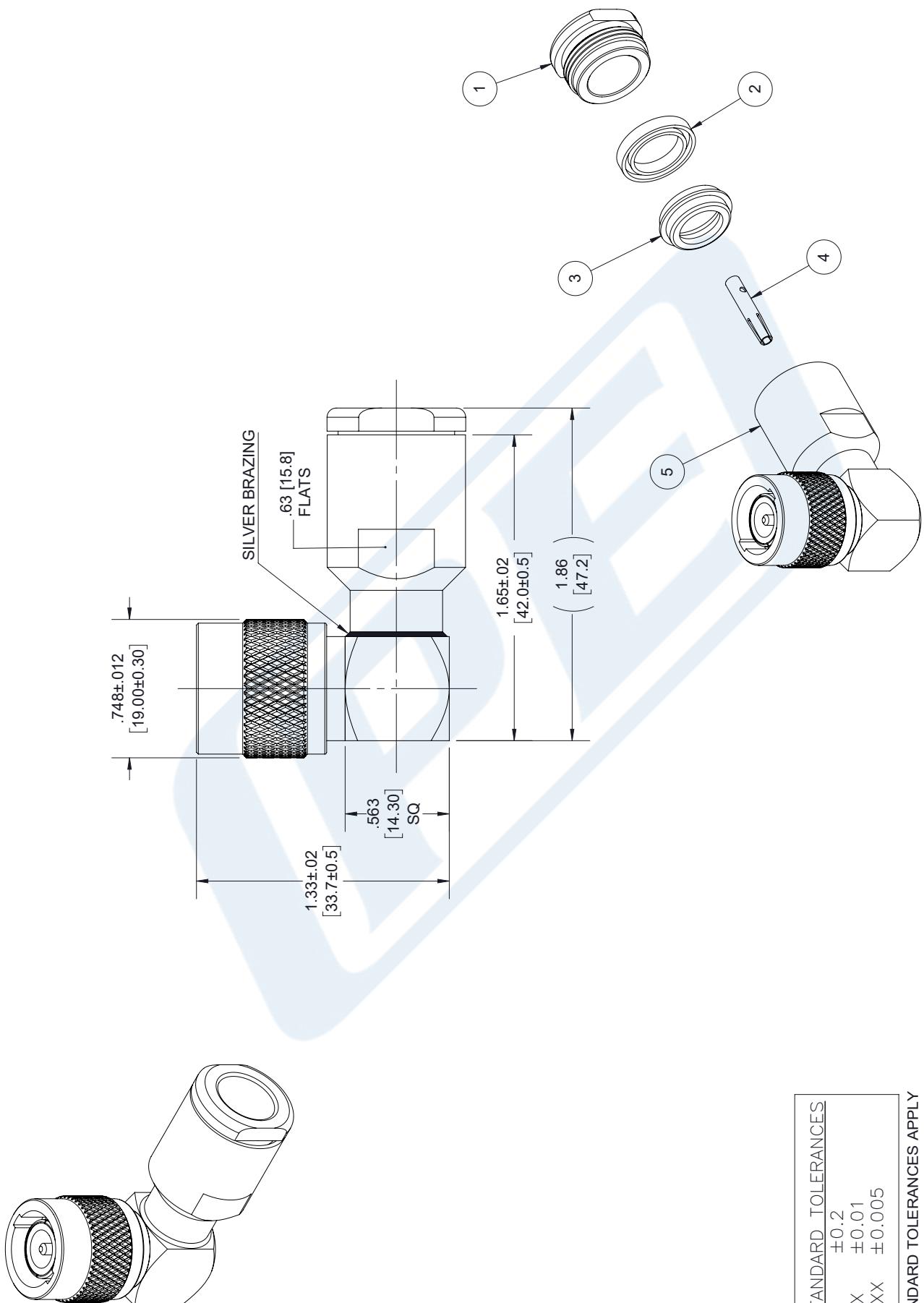
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URL: <https://www.pasternack.com/c-male-standard-rg213-rg214-rg8-rg9-rg11-rg225-rg393-connector-pe4244-p.aspx>

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# PE4244 CAD Drawing

C Male Right Angle Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215



**STANDARD TOLERANCES**

.X	±0.2
.XX	±0.01
.XXX	±0.005

\*STANDARD TOLERANCES APPLY  
ONLY TO DIMENSIONS IN INCHES

**PE PASTERNACK**  
THE ENGINEER'S RESOURCE

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CAGE CODE	53919	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	0.1	1	5	10	GHz
Attenuation, Typ	0.64	2.07	7.68	20.68	36.51	dB/100ft
	2.1	6.79	25.2	67.85	119.78	dB/100m

#### 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 (7 X 0.02961)	0.089 in [2.26 mm]
Conductor Type	Stranded	
Dielectric	PE	0.285 in [7.24 mm]
First Shield	Silver Plated Copper Braid	

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

90% coverage

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

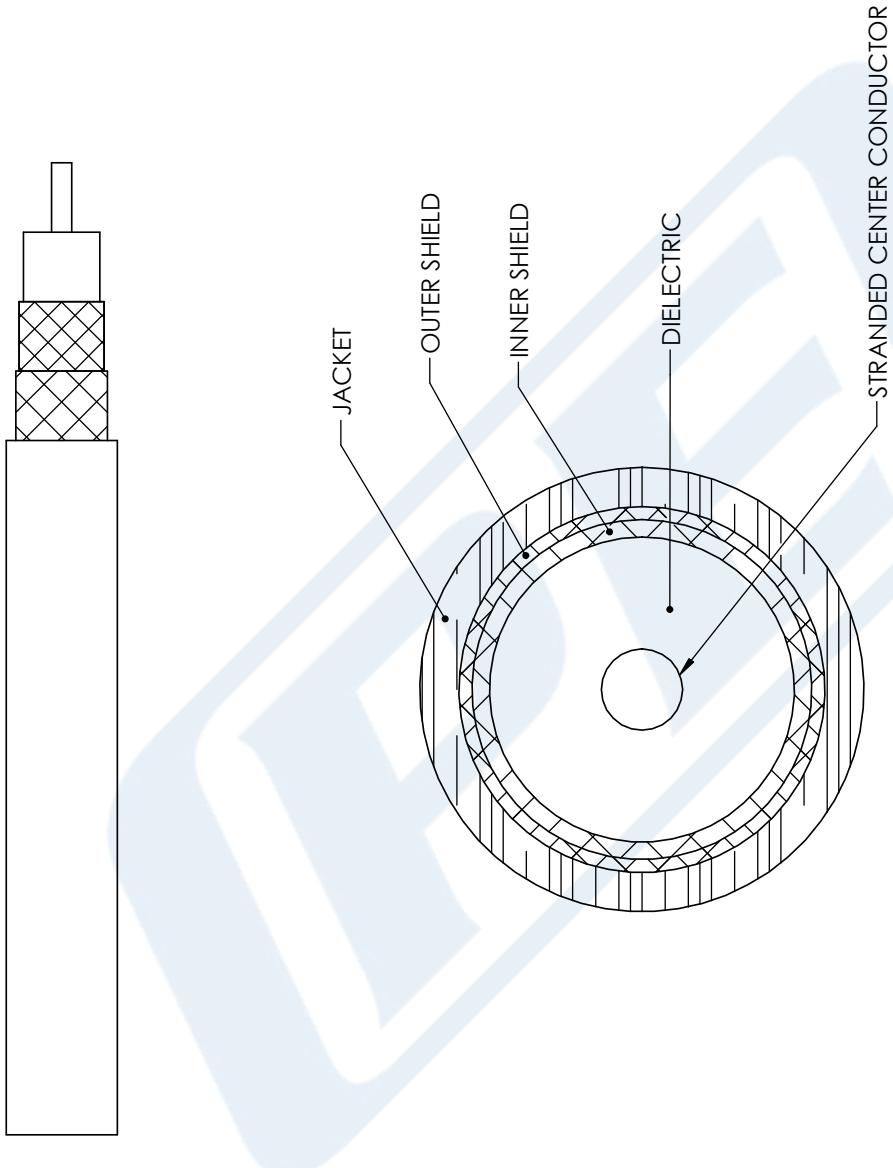
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG214 Coax Cable Double Shielded with Black PVC Jacket RG214/U](#)

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



STANDARD TOLERANCES		
X	$\pm 0.2$	
.XX	$\pm 0.01$	
.XXX	$\pm 0.005$	

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ONLY TO DIMENSIONS IN INCHES

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CAGE CODE	DWG TITLE	CAD FILE	SCALE	SIZE	A
53919	RG214-U	11/29/17	N/A		CN2245