



## 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

PE4979

#### 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>

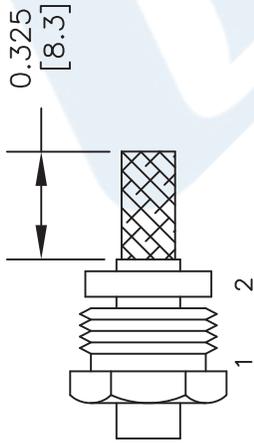
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such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

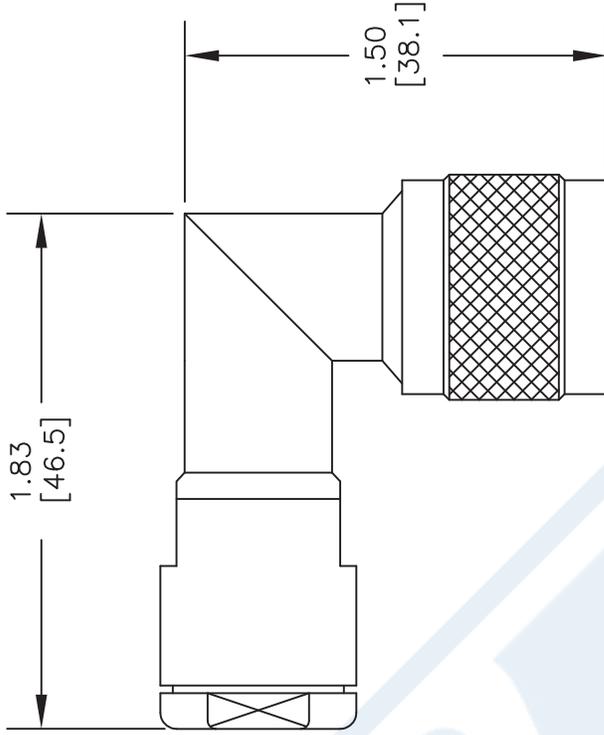
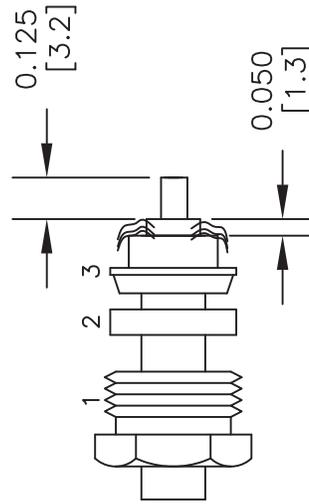
SC Male Right Angle Connector Clamp/Solder Attachment for  
RG213, RG214, RG8, RG9, RG225, RG393, RG215

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

### RF Connectors Technical Data Sheet

PE4232

#### Configuration

- SC Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG214, RG9, RG225, RG393

#### Features

- Max. Operating Frequency 6 GHz
- Good VSWR of 1.3:1
- Silver Plated Brass Contact
- 200  $\mu$ m minimum contact plating

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4232 SC 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 SC male connector operates up to a maximum frequency of 6 GHz and offers good VSWR of 1.3:1.

Our SC male connector PE4232 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			1.3:1	
Operating Voltage (AC)			1,000	Vrms

#### Mechanical Specifications

##### Size

Length	1.72 in [43.69 mm]
Width/Dia.	0.787 in [19.99 mm]
Weight	0.081 lbs [36.74 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 Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393 PE4232](#)



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

RF Connectors  
Technical Data Sheet

PE4232

**Material Specifications**

Description	Material	Plating
Contact	Brass	Silver 200 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:

SC 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 99.4% 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: [SC Male Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393 PE4232](#)

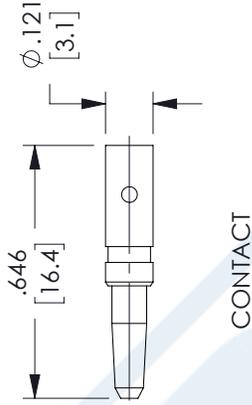
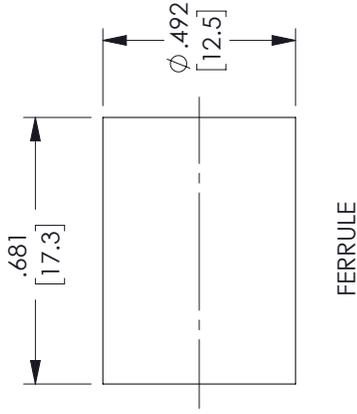
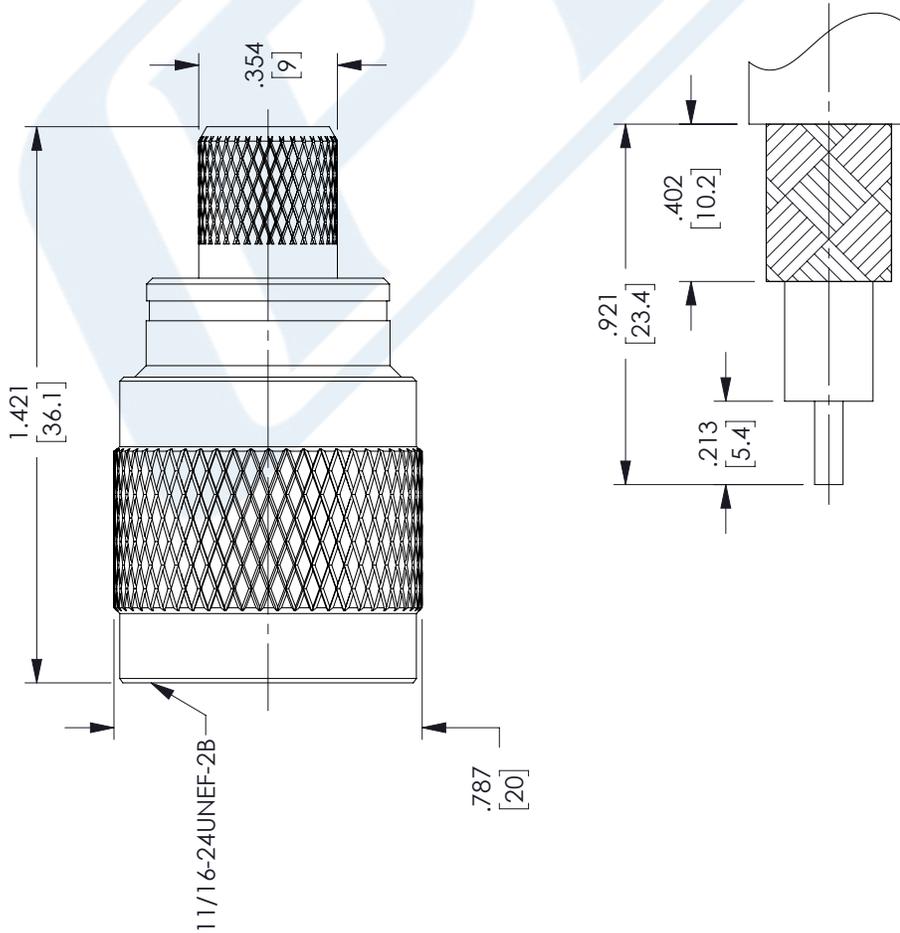
URL: <https://www.pasternack.com/sc-male-standard-rg214-rg9-rg225-rg393-connector-pe4232-p.aspx>

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# PE4232 CAD Drawing

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

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
D	UPDATE COMPONENT VIEWS	8/24/21	SRAUTUS



## STRIPPING DIMENSIONS

UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X = ±.2	[5.08]	FRACTIONS	± 1/32
.XX = ±.02	[.51]	ANGLES ± 1°	
.XXX = ±.005	[.13]	CABLE LENGTH (L) TOLERANCES:	
		L ≤ 12 [305]	= +1 [25] / -0
		12 [305] < L ≤ 60 [1524]	= +2 [51] / -0
		60 [1524] < L ≤ 120 [3048]	= +4 [102] / -0
		120 [3048] < L ≤ 300 [7620]	= +6 [152] / -0
		300 [7620] < L = +5%L / -0	

ALL DIMENSIONS SHOWN  
ARE FOR REFERENCE ONLY.



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THIRD-ANGLE PROJECTION

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SHEET 1 OF 1  
SCALE N/A

REV D

ITEM NO. PE4232

SIZE A CAGE CODE DMAY DRAWN BY

CRIMP SIZE REQUIRED  
CONTACT: SOLDER  
FERRULE: .429" HEX CRIMP TOOL

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# 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	

### 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]
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.

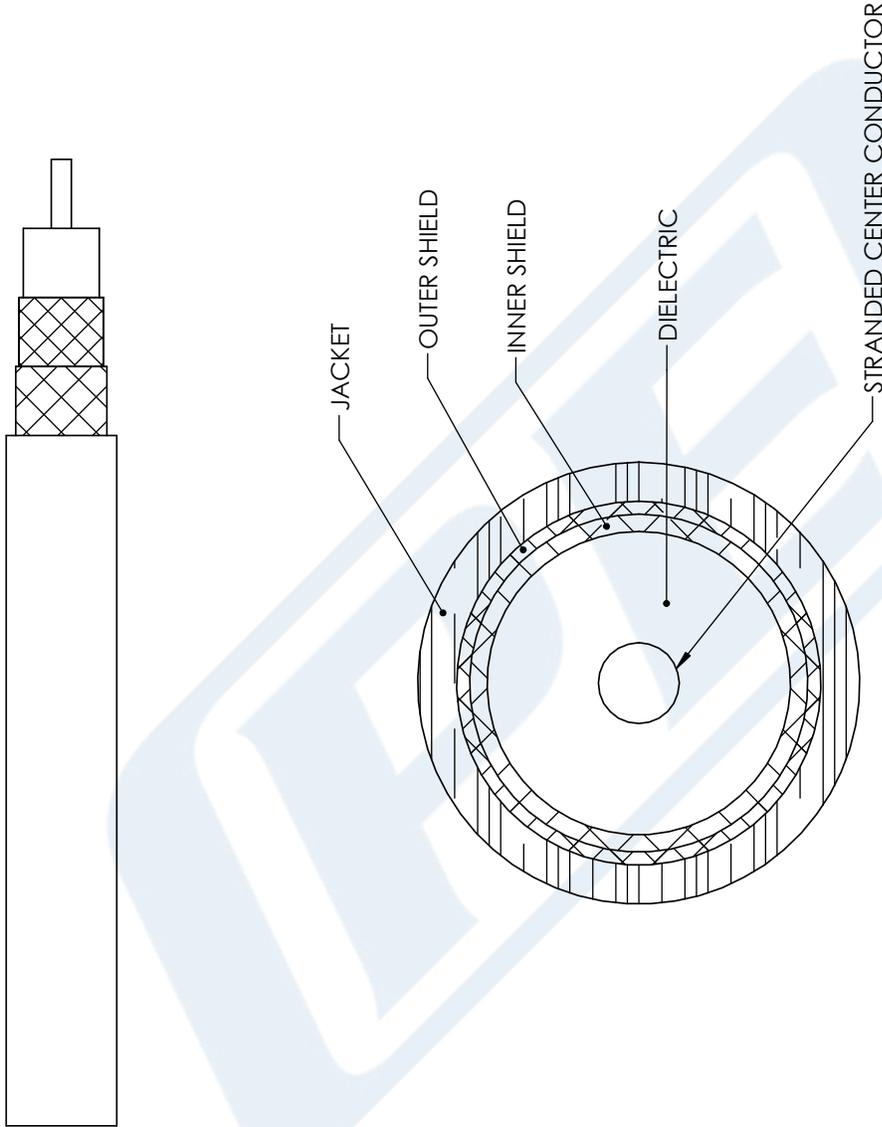
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG214 Coax Cable Double Shielded with Black PVC Jacket RG214/U](#)

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



**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

RG214-U

**CAGE CODE 53919**

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].

CAD FILE 11/29/17

SCALE N/A

SIZE A

CN2245