



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

### RF Connectors Technical Data Sheet

PE4351

#### Configuration

- BNC Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- RG214, RG9, RG225, RG393 Interface Type
- Crimp/Solder Attachment

#### Features

- Max. Operating Frequency 4 GHz
- Good VSWR of 1.5:1
- Gold Plated Brass Contact
- 30 µm minimum contact plating

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4351 BNC 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 BNC male connector operates up to a maximum frequency of 4 GHz and offers good VSWR of 1.5:1.

Our BNC male connector PE4351 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		4	GHz
VSWR			1.5:1	
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms

#### Mechanical Specifications

Size	
Length	1.37 in [34.8 mm]
Width/Dia.	0.57 in [14.48 mm]
Weight	0.036 lbs [16.33 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393 PE4351](#)



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

### RF Connectors Technical Data Sheet

PE4351

#### 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
Crimp Sleeve	Brass	Nickel

#### Environmental Specifications

##### Temperature

Operating Range -65 to +165 deg C

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

#### Plotted and Other Data

Notes:

BNC 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.

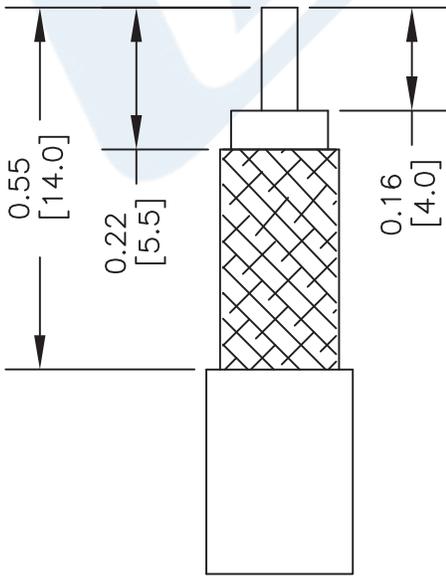
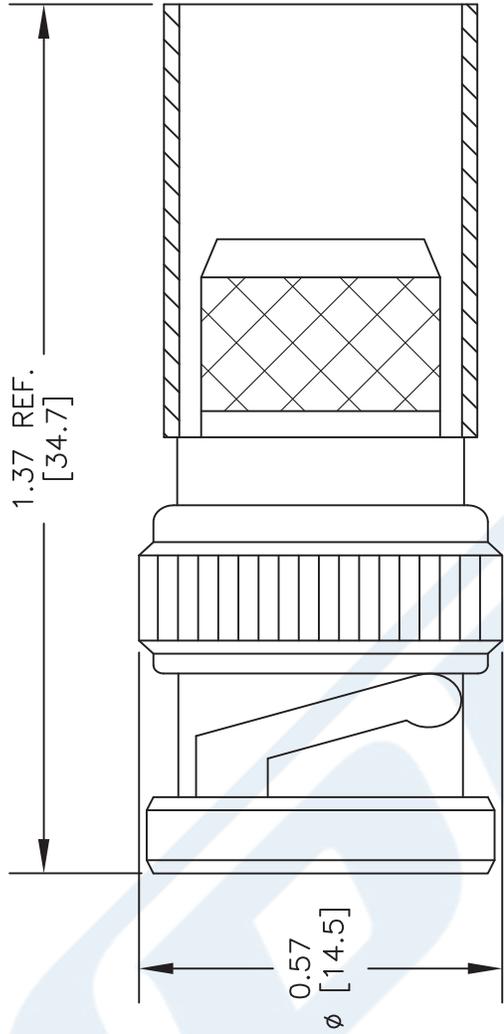
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Male Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393 PE4351](#)

URL: <https://www.pasternack.com/bnc-male-standard-rg214-rg9-rg225-rg393-connector-pe4351-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.

# PE4351 CAD Drawing

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



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER  
 FERRULE: .429" HEX CRIMP TOOL

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.

DWG TITLE  
**PE4351**

**PE PASTERNAK®**  
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REV. B	FSCM NO. 53919	CAD FILE 082712	SCALE N/A	SIZE A	2233
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## BNC Female Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215

### RF Connectors Technical Data Sheet

PE4212

#### Configuration

- BNC Female Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215 Interface Type
- Clamp/Solder Attachment

#### Features

- Max. Operating Frequency 4 GHz
- Gold over Nickel Plated Brass Contact
- Contact plating according to MIL-G-45204

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4212 BNC female 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 BNC female connector operates up to a maximum frequency of 4 GHz.

Our BNC female connector PE4212 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		4	GHz
Operating Voltage (AC)			500	Vrms
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

#### Mechanical Specifications

##### Size

Length	1.53 in [38.86 mm]
Width/Dia.	0.75 in [19.05 mm]
Weight	0.068 lbs [30.84 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Female Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215 PE4212](#)



BNC Female Connector Clamp/Solder Attachment  
 for RG213, RG214, RG8, RG9, RG11, RG225,  
 RG393, RG144, RG216, RG215

RF Connectors Technical Data Sheet

PE4212

**Material Specifications**

Description	Material	Plating
Contact	Brass	Gold over Nickel MIL-G-45204
Insulation	PTFE	
Body	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:

BNC Female Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, 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: [BNC Female Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215 PE4212](#)

URL: <https://www.pasternack.com/bnc-female-standard-rg213-rg214-rg8-rg9-rg11-rg225-rg393-connector-pe4212-p.aspx>

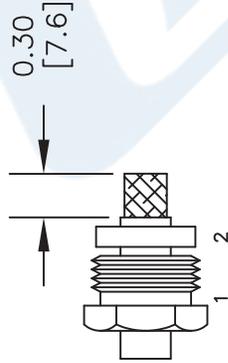
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# PE4212 CAD Drawing

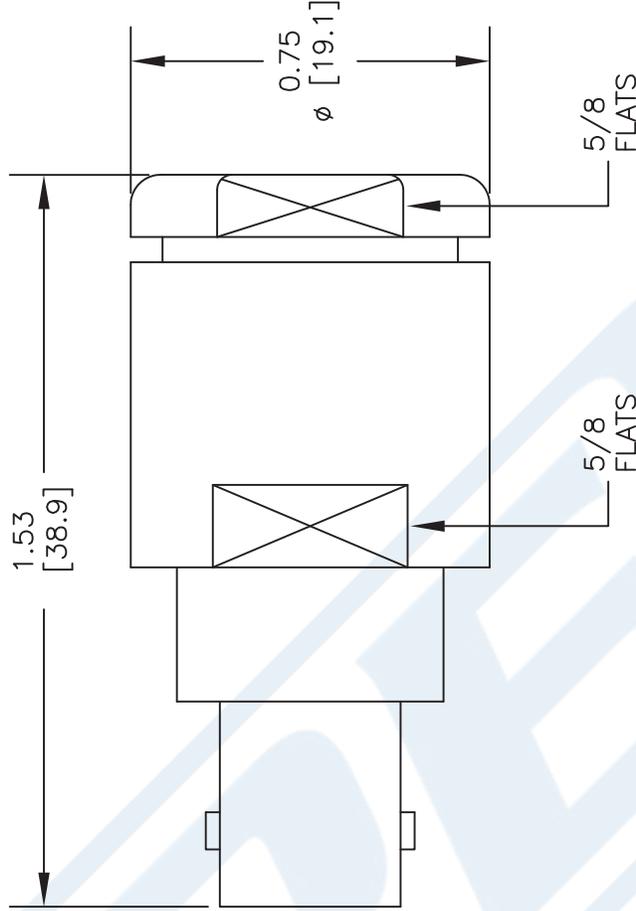
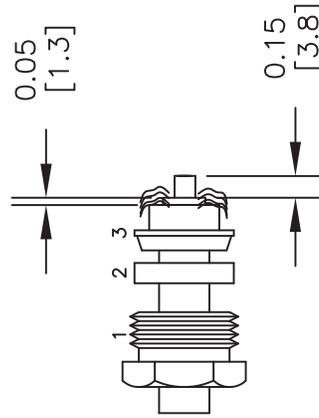
BNC Female Connector Clamp/Solder Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215

## ASSEMBLY PROCEDURES

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 BRAID CLAMP (3). SLIDE BRAID CLAMP(3) OVER BRAID & SEAT AGAINST CABLE.



2. 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

**PE4212**

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

FSCM NO. 53919

CAD FILE 082815

SCALE N/A

SIZE A

2233

**PE PASTERNAK**  
 THE ENGINEER'S RF SOURCE

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## Flexible RG225 Coax Cable Double Shielded with Tan PTFE (Fiberglass reinforced) Jacket

### TECHNICAL DATA SHEET

RG225/U

Flexible RG225 Coax Cable Double Shielded with Tan PTFE (FG) 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	PTFE (FG), Tan

#### Electrical Specifications

Impedance, Ohms	50
Maximum Operating Frequency, MHz	400
Capacitance, pF/ft [pF/m]	32.4 [106.3]
Dielectric Withstanding Voltage, Vrms	10,000

#### Electrical Specifications by Frequency

##### Frequency 1

Frequency, MHz	400
Attenuation, dB/100ft [dB/100m]	5 [16.4]

#### Mechanical Specifications

##### Inner Conductor

Number of Strands	7
Material	Copper
Plating	Silver
Diameter, in [mm]	0.094 [2.39]

##### Dielectric:

Type	PTFE
Diameter, in [mm]	0.285 [7.24]

##### Shield:

Number of	2
Material 1	Silver Plated Copper Braid
Material 2	Silver Plated Copper Braid
Diameter, in [mm]	0.36 [9.14]

##### Jacket:

Material	PTFE (FG)
Diameter, in [mm]	0.43 [10.92]
Color	Tan
Weight, lbs/ft [Kg/m]	0.195 [0.29]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG225 Coax Cable Double Shielded with Tan PTFE \(FG\) Jacket RG225/U](#)

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## Flexible RG225 Coax Cable Double Shielded with Tan PTFE (Fiberglass reinforced) Jacket

### TECHNICAL DATA SHEET

RG225/U

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant

Yes

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

Flexible RG225 Coax Cable Double Shielded with Tan PTFE (Fiberglass reinforced) 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.

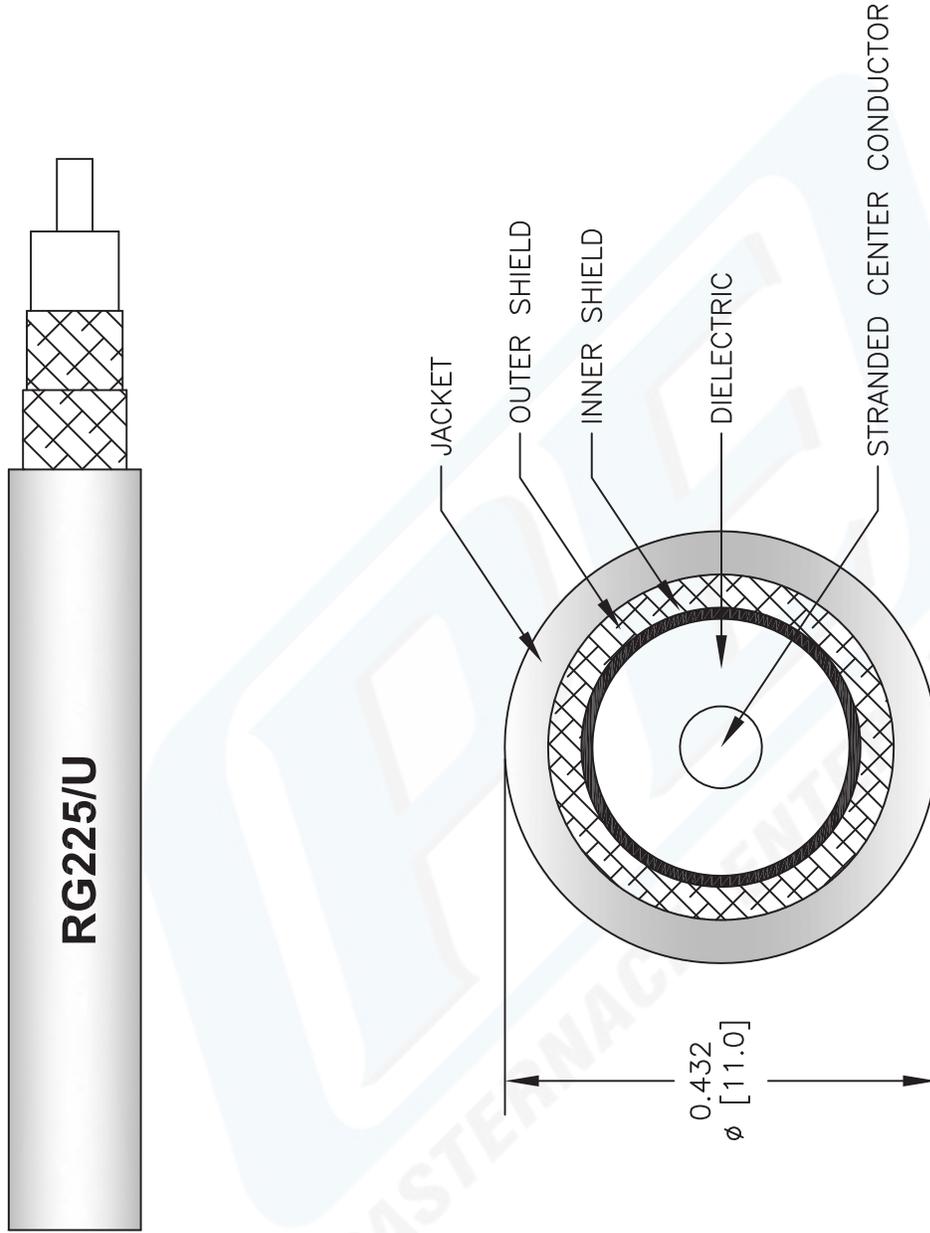
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG225 Coax Cable Double Shielded with Tan PTFE \(FG\) Jacket RG225/U](#)

URL: <http://www.pasternack.com/flexible-0.430-rg225-50-ohm-coax-cable-ptfe-fr-jacket-rg225-u-p.aspx>

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# RG225/U CAD Drawing

Flexible RG225 Coax Cable Double Shielded with Tan PTFE (Fiberglass reinforced) Jacket



NOTES:  
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 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
 3. DIMENSIONS ARE IN INCHES (mm).

DWG TITLE		FSCM NO. 53919	
<b>RG225/U</b>		CAD FILE	083012-B
		SCALE	N/A
		SIZE	A
			2233

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