



## HN Female Connector Clamp/Solder Attachment for RG213, RG8, RG225, RG214, RG393

### RF Connectors Technical Data Sheet

PE4229

#### Configuration

- HN Female Connector
- MIL-STD-348A
- 50 Ohms

- Straight Body Geometry
- RG213, RG8, RG225, RG214, RG393 Interface Type
- Clamp/Solder Attachment

#### Features

- Max. Operating Frequency 10 GHz
- Gold Plated Brass Contact

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4229 HN female connector with clamp/solder attachment for RG213, RG8, RG225, RG214 and RG393 is part of our full line of RF components available for same-day shipping. Our HN female connector operates up to a maximum frequency of 10 GHz.

Our HN female connector PE4229 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		10	GHz
Operating Voltage (AC)			1,500	Vrms

#### Mechanical Specifications

<b>Size</b>	
Length	2.52 in [64.01 mm]
Width/Dia.	0.75 in [19.05 mm]
Weight	0.164 lbs [74.39 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [HN Female Connector Clamp/Solder Attachment for RG213, RG8, RG225, RG214, RG393 PE4229](#)



## HN Female Connector Clamp/Solder Attachment for RG213, RG8, RG225, RG214, RG393

### RF Connectors Technical Data Sheet

PE4229

#### Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Nickel 100 $\mu$ m 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 Female Connector Clamp/Solder Attachment for RG213, RG8, RG225, RG214, 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.

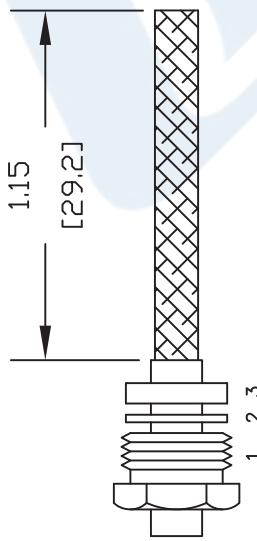
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [HN Female Connector Clamp/Solder Attachment for RG213, RG8, RG225, RG214, RG393 PE4229](#)

URL: <https://www.pasternack.com/hn-female-standard-rg213-rg214-rg8-rg9-rg225-rg393-connector-pe4229-p.aspx>

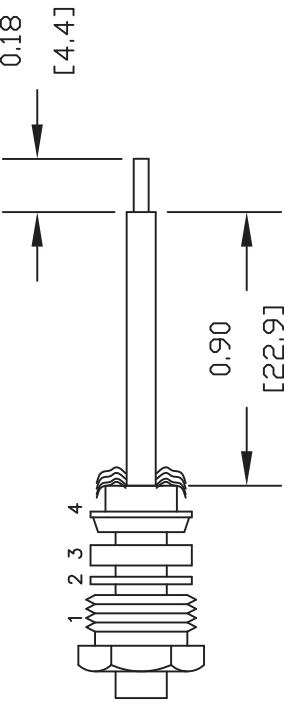
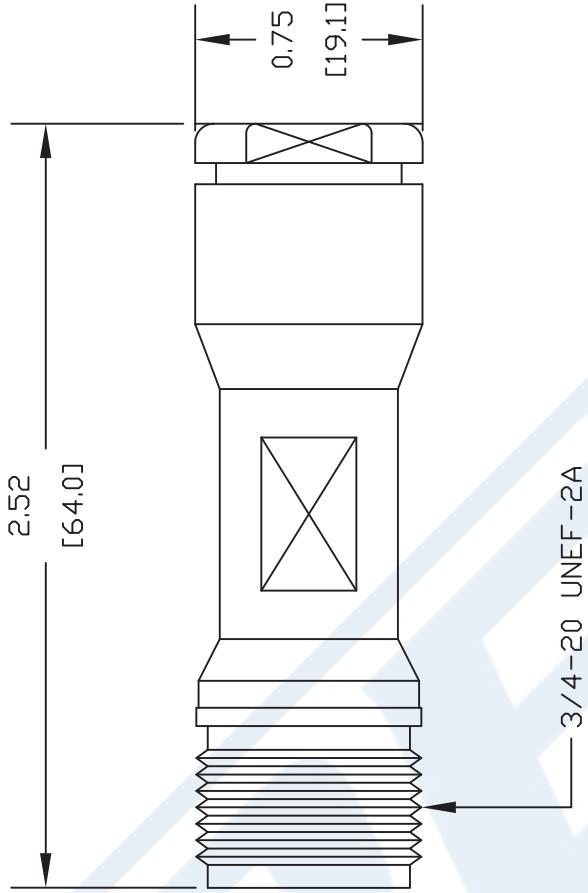
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such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

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.



**PE PASTERNACK®**  
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**PE4229**  
DWG TITLE  
**PE4229**

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	042309	SCALE	N/A	SIZE	A
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## N Male Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393

### RF Connectors Technical Data Sheet

PE4048

#### Configuration

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

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

#### Features

- Max. Operating Frequency 11 GHz
- Good VSWR of 1.5:1

- Gold Plated Brass Contact
- 30  $\mu$ in minimum contact plating

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4048 type N 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 N male connector operates up to a maximum frequency of 11 GHz and offers good VSWR of 1.5:1.

Our type N male connector PE4048 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
VSWR			1.5:1	
Operating Voltage (AC)			1,000	Vrms

#### Mechanical Specifications

Size	
Length	1.583 in [40.21 mm]
Width/Dia.	0.79 in [20.07 mm]
Weight	0.073 lbs [33.11 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393 PE4048](#)



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

### RF Connectors Technical Data Sheet

PE4048

#### Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 $\mu$ in minimum
Insulation	PTFE	
Body	Brass	Nickel 100 $\mu$ in minimum
Coupling Nut	Brass	Nickel 100 $\mu$ in 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:

N 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.

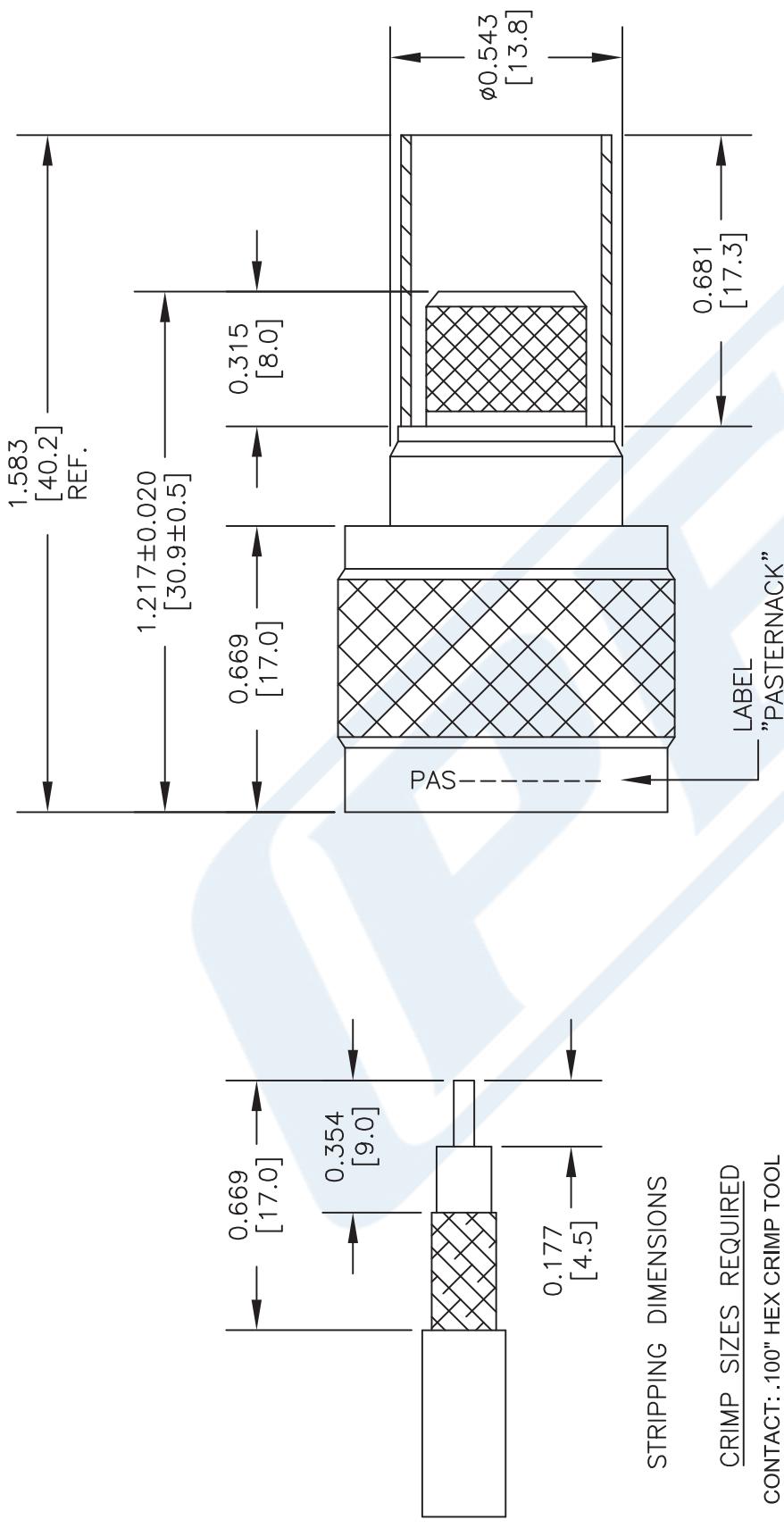
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393 PE4048](#)

URL: <https://www.pasternack.com/n-male-standard-rg214-rg9-rg225-rg393-connector-pe4048-p.aspx>

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# PE4048 CAD Drawing

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



## STANDARD TOLERANCES

.X ±0.2  
.XX ±0.1  
.XXX ±0.05

\*STANDARD TOLERANCES APPLY  
ONLY TO DIMENSIONS IN INCHES



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DWG TITLE	PE4048
FSCM NO.	53919

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## Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket

### TECHNICAL DATA SHEET

RG393/U

- 50 Ohm Impedance
- Stranded Silver Plated Copper center conductor
- PTFE dielectric
- Double Silver Plated Copper Braid
- FEP Jacket Material 0.390 in diameter

#### • 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

FEP, Tan

#### Electrical Specifications

Impedance, Ohms	50
Maximum Operating Frequency, GHz	10
RF Shielding, dB	60
Capacitance, pF/ft [pF/m]	29.4 [96.46]
Maximum Operating Voltage, Volts	5,000
Dielectric Withstanding Voltage, Vrms	7,500

#### Electrical Specifications by Frequency

##### Frequency 1

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	0.6 [1.97]
Power Handling, KWatts	25

##### Frequency 2

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	2.1 [6.89]
Power Handling, KWatts	6.3

##### Frequency 3

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	7.5 [24.61]
Power Handling, KWatts	1.7

##### Frequency 4

Frequency, GHz	5
Attenuation, dB/100ft [dB/100m]	21 [68.9]
Power Handling, Watts	620

##### Frequency 5

Frequency, GHz	10
Attenuation, dB/100ft [dB/100m]	35 [114.83]
Power Handling, Watts	350

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket RG393/U](#)



## Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket

### TECHNICAL DATA SHEET

RG393/U

#### Mechanical Specifications

##### Temperature

Operating Range, deg C

-55 to +200

##### 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]

0.34 [8.64]

##### Jacket:

Material

FEP

Diameter, in [mm]

0.39 [9.91]

Color

Tan

One Time Minimum Bend Radius, in [mm]

3.9 [99.06]

Weight, lbs/ft [Kg/m]

0.16 [0.24]

#### Compliance Certifications

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

RoHS Compliant

06/18/2010

REACH Compliant

#### Plotted and Other Data

##### Notes:

- Values at +25 °C, sea level

Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket 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.

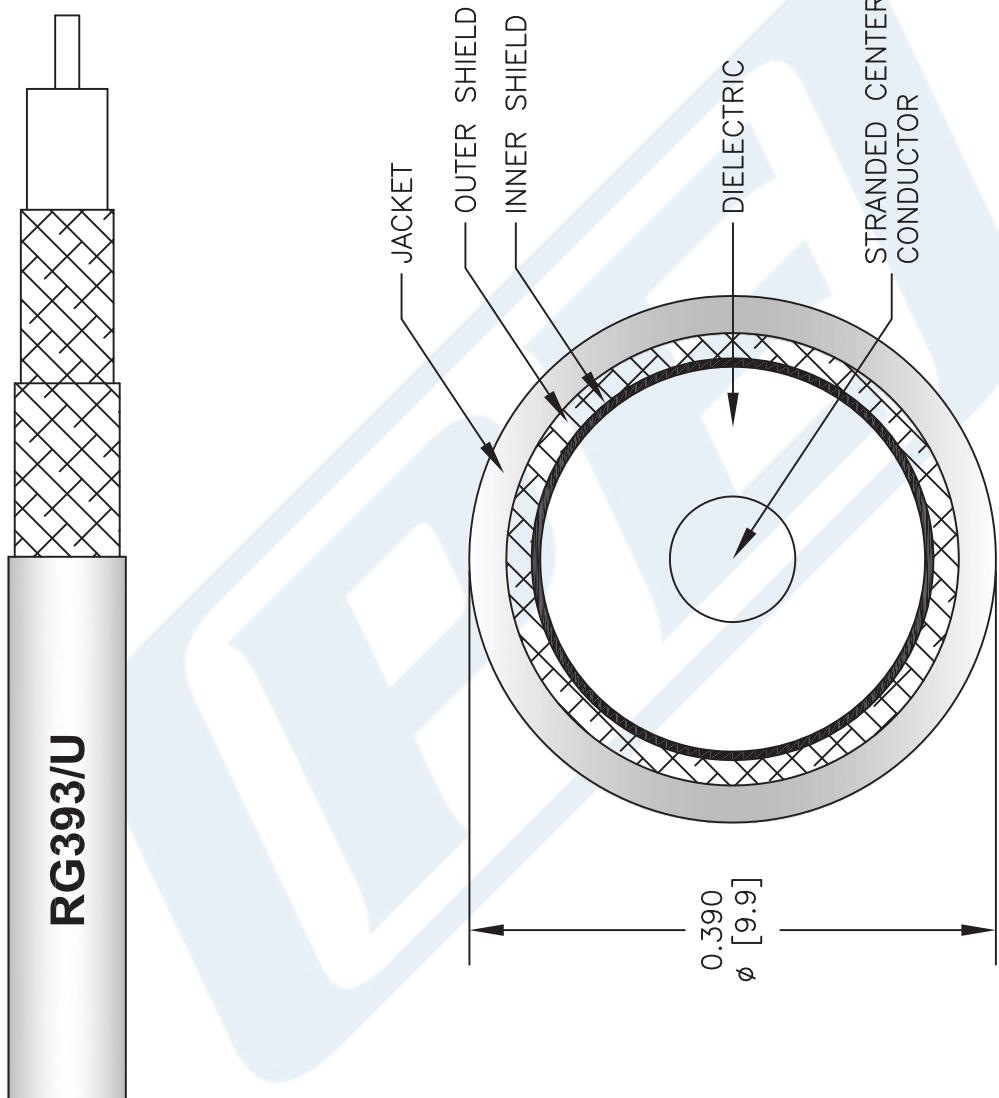
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket RG393/U](#)

URL: <http://www.pasternack.com/flexible-0.390-rg393-50-ohm-coax-cable-fep-jacket-rg393-u-p.aspx>

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# RG393/U CAD Drawing

Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket



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PASTERNACK®	DWG TITLE	RG393/U		
FSCM NO.	CAD FILE	110712-C	SCALE	SIZE A
				2233

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