



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

### RF Connectors Technical Data Sheet

PE4474

#### Configuration

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

#### Features

- Max. Operating Frequency 3 GHz
- Good VSWR of 1.35:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4474 HN 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 HN male connector operates up to a maximum frequency of 3 GHz and offers good VSWR of 1.35:1.

Our HN male connector PE4474 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			1.35:1	
Operating Voltage (AC)			1,500	Vrms

#### Mechanical Specifications

##### Size

Length	1.862 in [47.29 mm]
Width/Dia.	0.866 in [22.00 mm]
Weight	0.11 lbs [49.9 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 Crimp/Solder Attachment for RG214, RG9, RG225, RG393 PE4474](#)



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

### RF Connectors Technical Data Sheet

PE4474

#### 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:

#### Assembly Instruction

HN 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.

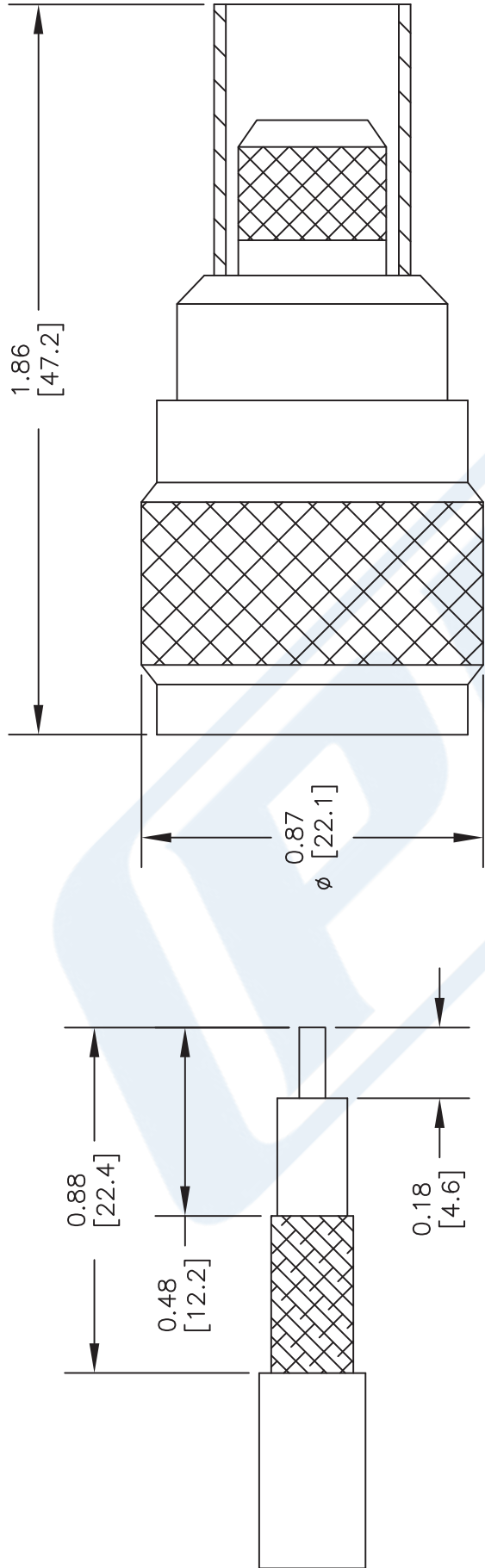
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [HN Male Connector Crimp/Solder Attachment for RG214, RG9, RG225, RG393 PE4474](#)

URL: <https://www.pasternack.com/hn-male-rg214-rg9-rg225-rg393-connector-pe4474-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.

# PE4474 CAD Drawing

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



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER

FERRULE: .429" HEX CRIMP TOOL

STANDARD TOLERANCES

.X ±0.2

.XX ±0.1

.XXX ±0.05

\*STANDARD TOLERANCES APPLY  
ONLY TO DIMENSIONS IN INCHES

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

Pasternack Enterprises, Inc.

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DWG TITLE

**PE4474**

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].

CAGE CODE 53919

CAD FILE 061917

SCALE N/A

SIZE A

2233

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



### 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 µin 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**

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.

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](https://www.pasternack.com/hn-male-standard-rg213-rg214-rg8-rg9-rg225-rg393-connector-pe4230-p.aspx)

URL: <https://www.pasternack.com/hn-male-standard-rg213-rg214-rg8-rg9-rg225-rg393-connector-pe4230-p.aspx>

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## PE4230 CAD Drawing

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





## 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  
Dielectric Type  
Shield Materials  
Jacket Material and Color

Copper, Silver  
PTFE  
Silver Plated Copper Braid, Silver Plated Copper Braid  
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  
REACH Compliant 06/18/2010

#### 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.

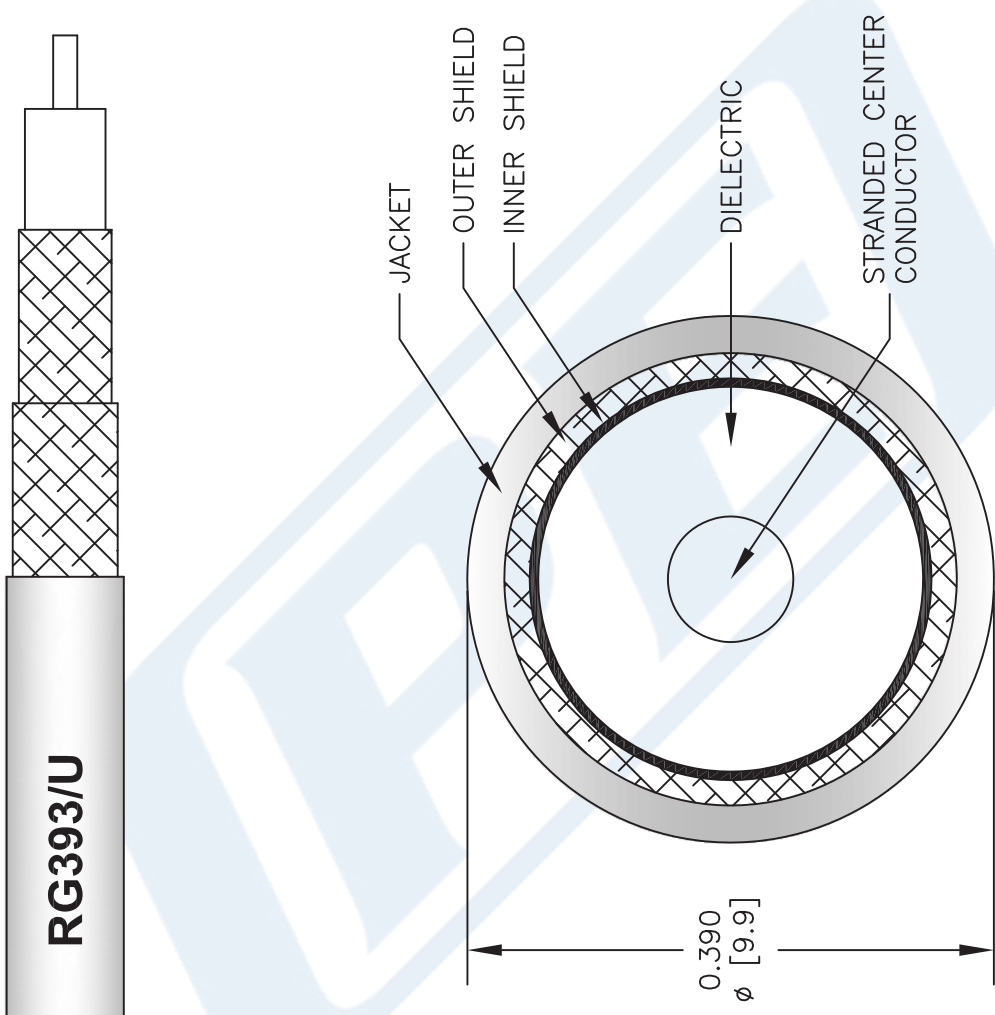
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG393 Coax Cable Double Shielded with Tan FEP Jacket RG393/U](http://www.pasternack.com/flexible-0.390-rg393-50-ohm-coax-cable-fep-jacket-rg393-u-p.aspx)

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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DWG TITLE  
**RG393/U**

FSCM NO. 53919

2233

SIZE A

SCALE N/A

CAD FILE 110712-C

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