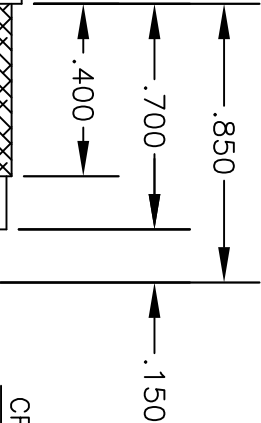
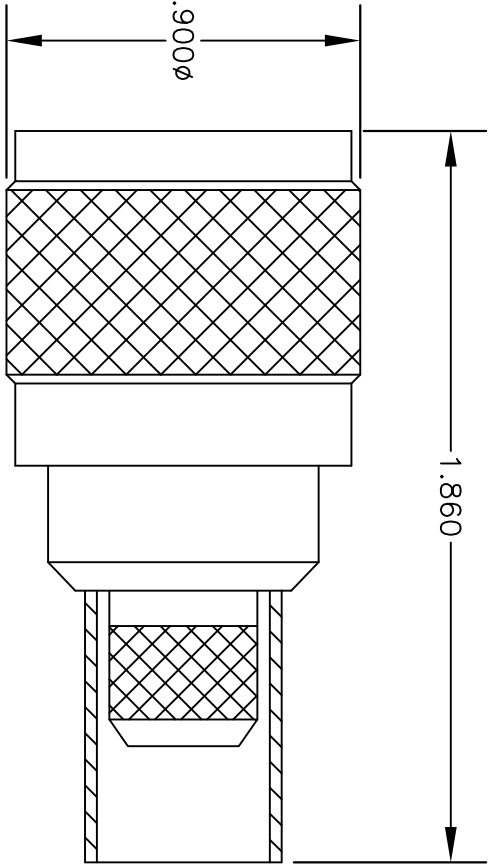


MATERIALS	
BODY	BRASS NICKEL PLATED
CONTACT	GOLD PLATED
INSULATOR	PTFE



STRIPPING DIMENSIONS

CRIMP SIZE REQUIRED

CONTACT: SOLDER

FERRULE: .429" HEX CRIMP TOOL



**PASTERNAK ENTERPRISES®**  
ESTABLISHED 1972

**PASTERNAK ENTERPRISES, INC.**  
P.O. BOX 16759, IRVINE, CA 92623  
PHONE (949) 261-1920 FAX (949) 261-7451  
WEB ADDRESS: [www.pasternack.com](http://www.pasternack.com)  
E-MAIL ADDRESS: [sales@pasternack.com](mailto:sales@pasternack.com)  
**COAXIAL & FIBER OPTICS**

DES. HN MALE, CRIMP ATTACHMENT FOR RG8 & RG213

DWG TITLE  
**PE4473**

SIZE A	FSCM NO. 53919	CAD FILE	052202	SCALE	N/A		127
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NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.



## N Male Connector Clamp/Solder (Captive Contact) Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215

### RF Connectors Technical Data Sheet

PE4132

#### Configuration

- N Male Connector
- MIL-STD-348A
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215

#### Features

- Max. Operating Frequency 11 GHz
- Good VSWR of 1.5:1
- Gold Plated Brass Contact
- 30 µin minimum contact plating

#### Applications

- General Purpose Test
- Custom Cable Assemblies

#### Description

Pasternack's PE4132 type N male connector with clamp/solder (captive contact) 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 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 PE4132 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	1.335 in [33.91 mm]
Width/Dia.	0.787 in [19.99 mm]
Weight	0.114 lbs [51.71 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 Clamp/Solder \(Captive Contact\) Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215 PE4132](#)



N Male Connector Clamp/Solder (Captive Contact)  
Attachment for RG213, RG214, RG8, RG9, RG11,  
RG225, RG393, RG144, RG216, RG215

## RF Connectors Technical Data Sheet

PE4132

### 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: [N Male Connector Clamp/Solder \(Captive Contact\) Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215 PE4132](#)

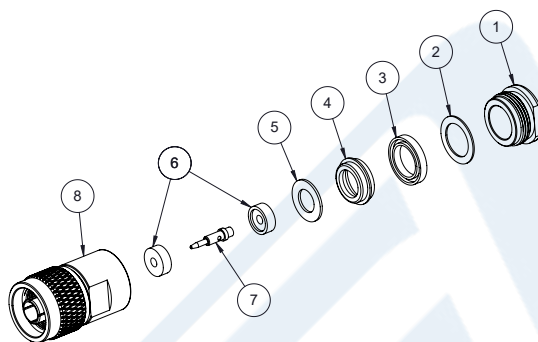


# N Male Connector Clamp/Solder (Captive Contact) Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215

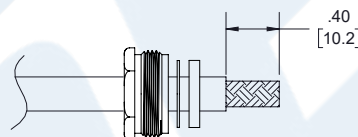
## RF Connectors Technical Data Sheet

PE4132

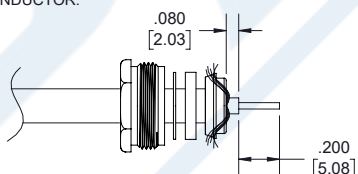
### Assembly Instruction



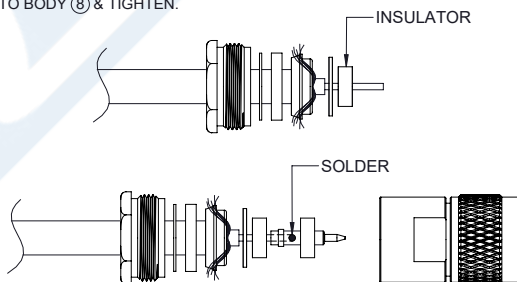
1. SLIDE CLAMP NUT (1), THIN-WASHER (2) & GASKET (3) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF CLAMP.



2. SLIDE BRAID CLAMP (4) OVER BRAID & SEAT AGAINST CABLE. FORM BRAID OVER CLAMP NUT. TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC & CENTER CONDUCTOR TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR.



3. SLIDE THICK-WASHER (5) AND HALF- INSULATOR (6) AGAINST THE BRAID CLAMP AND HOLD BRAID IN PLACE. SOLDER CONTACT (7) TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. SLIDE A REST HALF- INSULATOR (6) TO LOCKED CONTACT. INSERT CABLE ASSEMBLY INTO BODY (8) & TIGHTEN.



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 Clamp/Solder \(Captive Contact\) Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215 PE4132](#)



N Male Connector Clamp/Solder (Captive Contact)  
Attachment for RG213, RG214, RG8, RG9, RG11,  
RG225, RG393, RG144, RG216, RG215

RF Connectors  
Technical Data Sheet

PE4132

N Male Connector Clamp/Solder (Captive Contact) 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 99.4% 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: [N Male Connector Clamp/Solder \(Captive Contact\) Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215 PE4132](https://www.pasternack.com/n-male-standard-rg213-rg214-rg8-rg9-rg11-rg225-rg393-connector-pe4132-p.aspx)

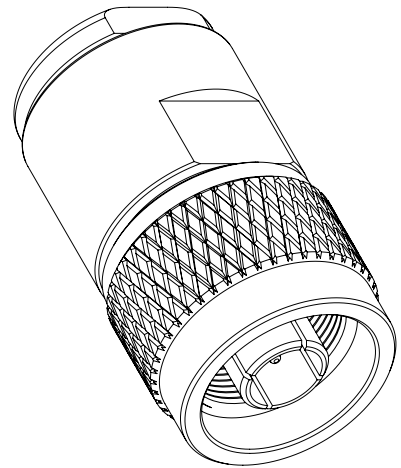
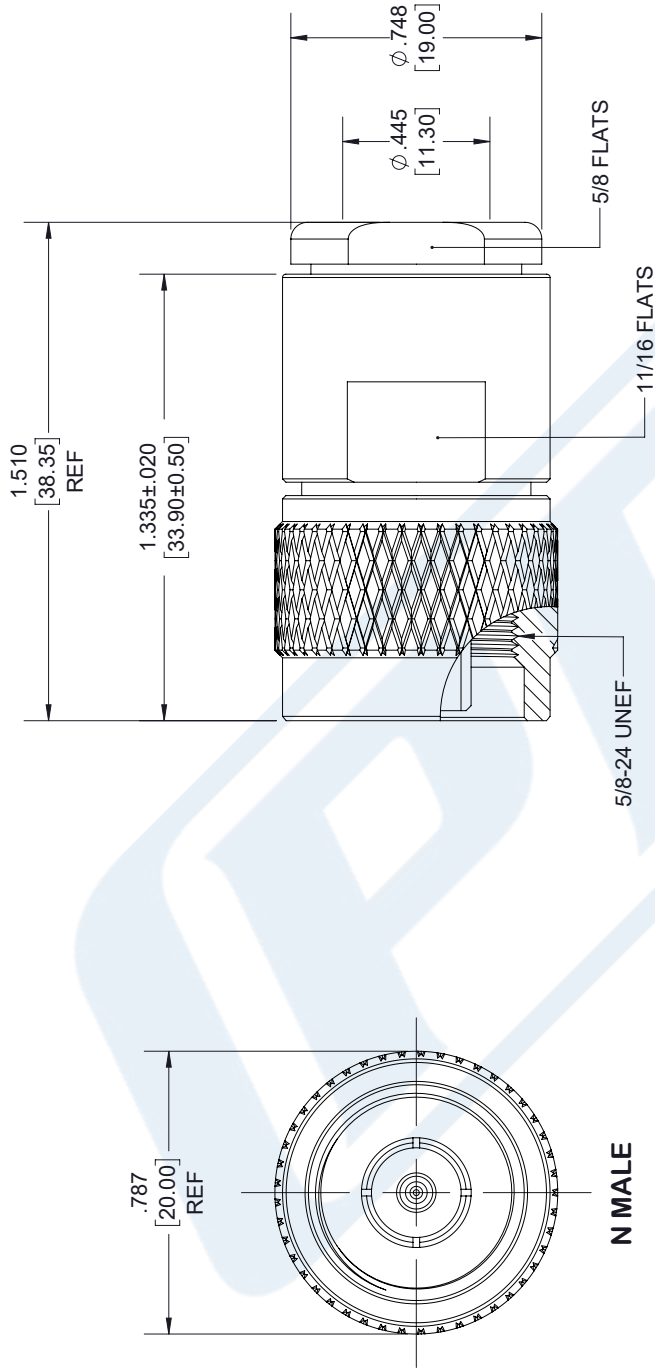
URL: <https://www.pasternack.com/n-male-standard-rg213-rg214-rg8-rg9-rg11-rg225-rg393-connector-pe4132-p.aspx>

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.

# PE4132 CAD Drawing

N Male Connector Clamp/Solder (Captive Contact) Attachment for RG213, RG214, RG8, RG9, RG11, RG225, RG393, RG144, RG216, RG215

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	09/25/19	SELLIS



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS			
TOLERANCES:			
X ± .2	[5.08]	FRACTIONS	± 1/32
XX ± .01	[.25]	ANGLES ± 1°	
XXX ± .005	[.13]	ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.	
THIRD-ANGLE PROJECTION			



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www.pasternack.com | e-mail: sales@pasternack.com

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SHEET 1 OF 2  
SCALE N/A

SIZE A	CAGE CODE 53919	DRAWN BY K.Dang	PART NUMBER PE4132	REV A
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Flexible RG213 Coax Cable Single  
Shielded with Black PVC Jacket

TECHNICAL DATA SHEET

RG213/U

**Configuration**

Inner Conductor Material and Plating	Copper
Dielectric Type	PE
Shield Materials	Copper Braid
Jacket Material and Color	PVC, Black

**Electrical Specifications**

Impedance, Ohms	50
Velocity of Propagation, %	66
Maximum Operating Frequency, MHz	1000
Capacitance, pF/ft [pF/m]	30.8 [101.05]

**Electrical Specifications by Frequency**

**Frequency 1**

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	2.1 [6.89]

**Frequency 2**

Frequency, MHz	400
Attenuation, dB/100ft [dB/100m]	4.8 [15.75]

**Frequency 3**

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	8 [26.25]

**Mechanical Specifications**

**Inner Conductor**

Number of Strands	7
Material	Copper
Diameter, in [mm]	0.09 [2.29]

**Dielectric:**

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

**Shield:**

Number of	1
Material 1	Copper Braid
Diameter, in [mm]	0.314 [7.98]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG213 Coax Cable Single Shielded with Black PVC Jacket RG213/U](#)





## Flexible RG213 Coax Cable Single Shielded with Black PVC Jacket

### TECHNICAL DATA SHEET

RG213/U

**Jacket:**

Material	PVC
Diameter, in [mm]	0.405 [10.29]
Color	Black
Weight, lbs/ft [Kg/m]	0.115 [0.17]

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

RoHS Compliant	
REACH Compliant	06/18/2012

**Plotted and Other Data**

## Notes:

- Values at +25 °C, sea level
- Max. Operating Voltage(VRMS): 5000

Flexible RG213 Coax Cable Single 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% 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 RG213 Coax Cable Single Shielded with Black PVC Jacket RG213/U](#)

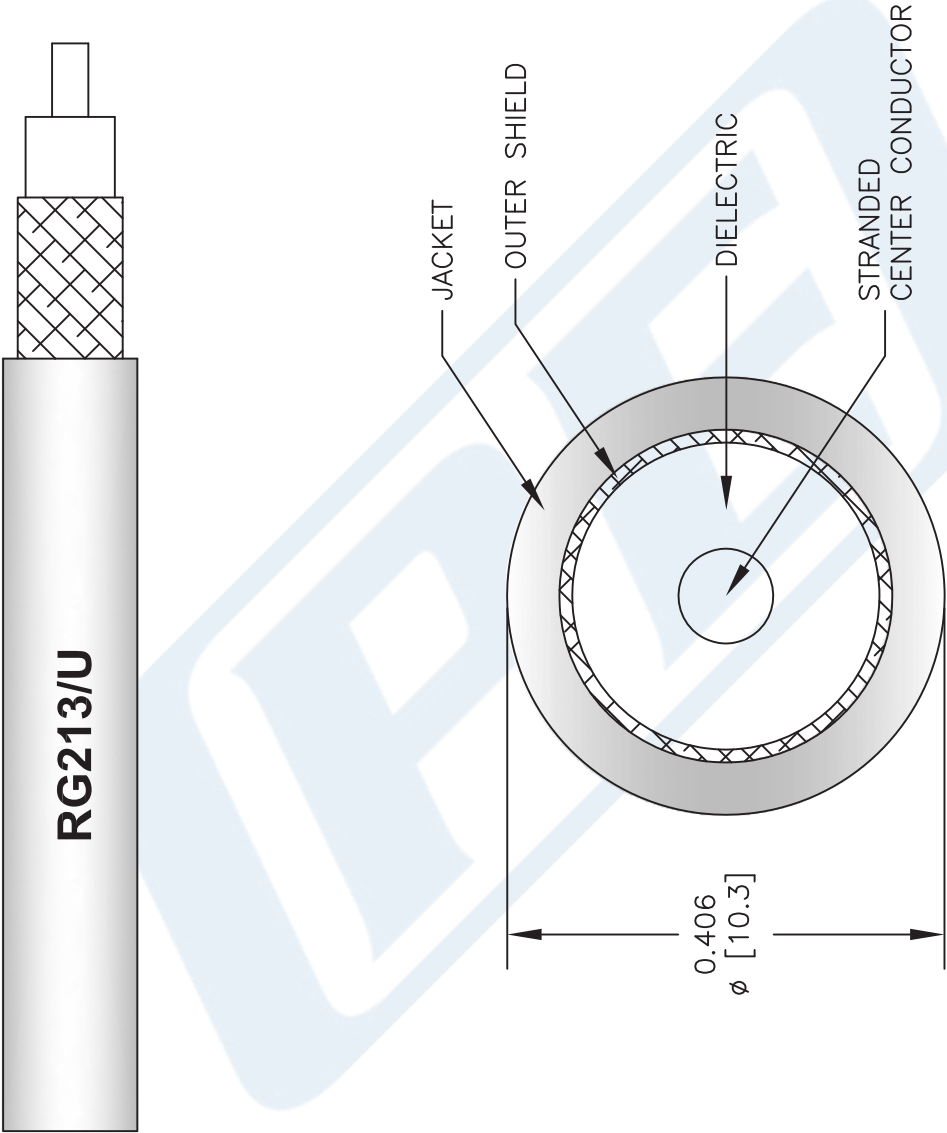
URL: <http://www.pasternack.com/flexible-0.405-rg213-50-ohm-coax-cable-pvc-jacket-rg213-u-p.aspx>

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.



RG213/U CAD Drawing

Flexible RG213 Coax Cable Single Shielded with Black PVC Jacket



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].

DWG TITLE  
**RG213/U**

FSCM NO. 53919

2233

SIZE A

SCALE N/A

CAD FILE 061312-B

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