



N Female Connector Clamp/Solder (Captive Contact) Attachment 4 Hole Flange Mount for RG214, RG213, RG393, RG8, RG225, .718 inch Hole Spacing

RF Connectors Technical Data Sheet

PE4060

Configuration

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

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
- Rack and Panel Mount Applications
- Custom Cable Assemblies

Description

Pasternack's PE4060 type N female 4 hole flange mount connector with clamp/solder (captive contact) attachment for RG214, RG213, RG393, RG8, RG225, RG11, RG216, RG144, RG215 and RG9 (.718 inch hole spacing) is part of our full line of RF components available for same-day shipping. Our type N female connector operates up to a maximum frequency of 11 GHz and offers good VSWR of 1.5:1. This type N 4 hole flange connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our type N female 4 hole flange connector PE4060 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	1.59 in [40.39 mm]
Width/Dia.	1 in [25.40 mm]
Height	1 in [25.4 mm]
Weight	0.127 lbs [57.61 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Connector Clamp/Solder \(Captive Contact\) Attachment 4 Hole Flange Mount for RG214, RG213, RG393, RG8, RG225, .718 inch Hole Spacing PE4060](#)



N Female Connector Clamp/Solder (Captive Contact)
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Material Specifications

Description	Material	Plating
Contact	Brass	Gold 30 µin minimum
Insulation	PTFE	
Outer Conductor	Brass	Nickel 100 µin minimum
Body	Brass	Nickel 100 µin minimum

Mechanical Specification Notes:

When attaching the connector to the cable use a clamp torque value of 60 to 65 in-lbs [6.78 to 7.34 Nm]

Environmental Specifications

Temperature

Operating Range -65 to +165 deg C

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

Plotted and Other Data

Notes:

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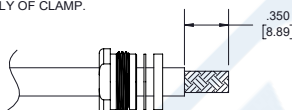
RF Connectors Technical Data Sheet

PE4060

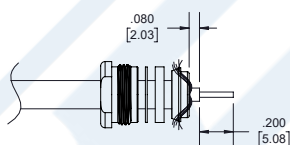
Assembly Instruction

ASSEMBLY PROCEDURES

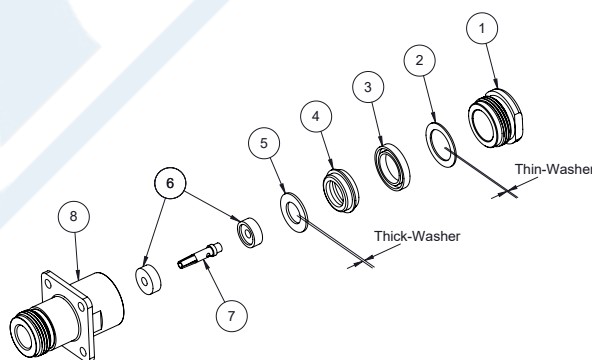
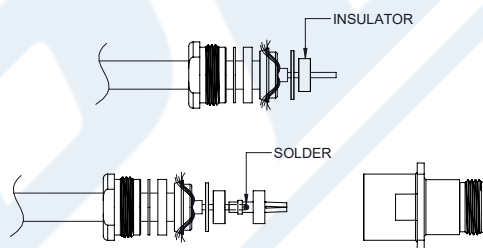
1. SLIDE CLAMP NUT ①, THIN-WASHER ② & GASKET ③ OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF CLAMP.



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 ⑧ 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 Female Connector Clamp/Solder \(Captive Contact\) Attachment 4 Hole Flange Mount for RG214, RG213, RG393, RG8, RG225, .718 inch Hole Spacing PE4060](#)



**N Female Connector Clamp/Solder (Captive Contact)
Attachment 4 Hole Flange Mount for RG214, RG213,
RG393, RG8, RG225, .718 inch Hole Spacing**

**RF Connectors
Technical Data Sheet**

PE4060

N Female Connector Clamp/Solder (Captive Contact) Attachment 4 Hole Flange Mount for RG214, RG213, RG393, RG8, RG225, .718 inch Hole Spacing 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.

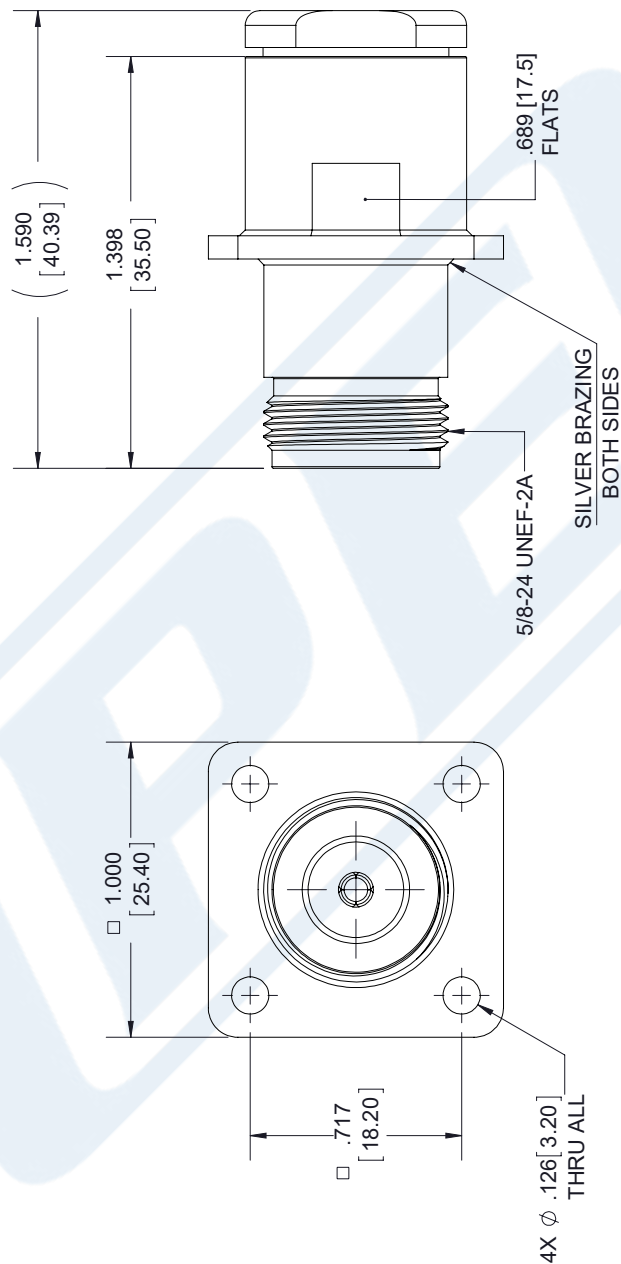
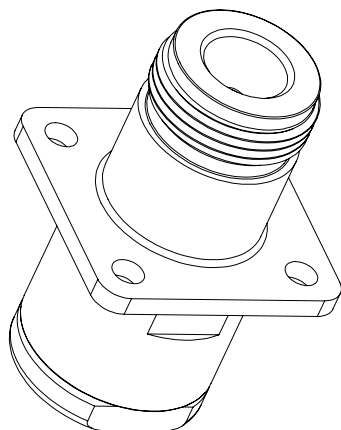
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female Connector Clamp/Solder \(Captive Contact\) Attachment 4 Hole Flange Mount for RG214, RG213, RG393, RG8, RG225, .718 inch Hole Spacing PE4060](https://www.pasternack.com/n-female-standard-rg213-rg214-rg8-rg9-rg11-rg225-rg393-connector-pe4060-p.aspx)

URL: <https://www.pasternack.com/n-female-standard-rg213-rg214-rg8-rg9-rg11-rg225-rg393-connector-pe4060-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.

PE4060 CAD Drawing

N Female Connector Clamp/Solder (Captive Contact) Attachment 4 Hole Flange
Mount for RG214, RG213, RG393, RG8, RG225, .718 inch Hole Spacing



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

PE4060

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 101117

SCALE N/A

SIZE A

7361



C Female Bulkhead Connector Clamp/Solder
Attachment For RG213, RG214, RG8, RG9,
RG11, RG225, RG393, .720 inch D Hole

TECHNICAL DATA SHEET

PE4964

C Female Bulkhead Connector Clamp/Solder Attachment For RG213, RG214, RG8, RG9, RG11, RG225, RG393, .720 inch D Hole

Configuration

Connector	C Female
Connector Specification	MIL-C-39012
Connector Interface Type	RG213, RG214, RG8, RG9, RG11, RG225, RG393
Cable Attachment Method (Shield/Contact)	Clamp/Solder
Body Style	Straight
Mount Method	Bulkhead

Electrical Specifications

Impedance, Ohms	50
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Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +165
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Size

Length, in [mm]	1.41 [35.81]
Width/Dia., in [mm]	1 [25.40]
Weight, lbs [g]	0.123 [55.79]

Connector

Type	C Female
Contact Material and Plating	Silver
Contact Plating Specification	QQ-S-365
Body Material and Plating	Brass, Nickel
Dielectric Type	Teflon

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [C Female Bulkhead Connector Clamp/Solder Attachment For RG213, RG214, RG8, RG9, RG11, RG225, RG393, .720 inch D Hole PE4964](#)

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C Female Bulkhead Connector Clamp/Solder
Attachment For RG213, RG214, RG8, RG9,
RG11, RG225, RG393, .720 inch D Hole

TECHNICAL DATA SHEET

PE4964

Plotted and Other Data

Notes:

Values at 25 °C, sea level

C Female Bulkhead Connector Clamp/Solder Attachment For RG213, RG214, RG8, RG9, RG11, RG225, RG393, .720 inch D Hole 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: [C Female Bulkhead Connector Clamp/Solder Attachment For RG213, RG214, RG8, RG9, RG11, RG225, RG393, .720 inch D Hole PE4964](http://www.pasternack.com/c-female-standard-rg213-rg214-rg8-rg9-rg11-rg225-rg393-connector-pe4964-p.aspx)

URL: <http://www.pasternack.com/c-female-standard-rg213-rg214-rg8-rg9-rg11-rg225-rg393-connector-pe4964-p.aspx>

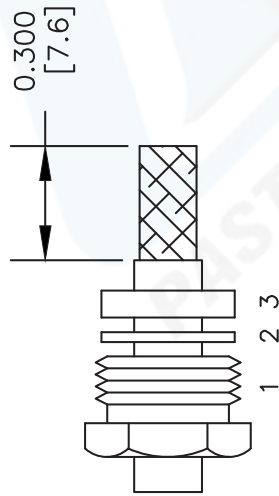
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PE4964 CAD Drawing

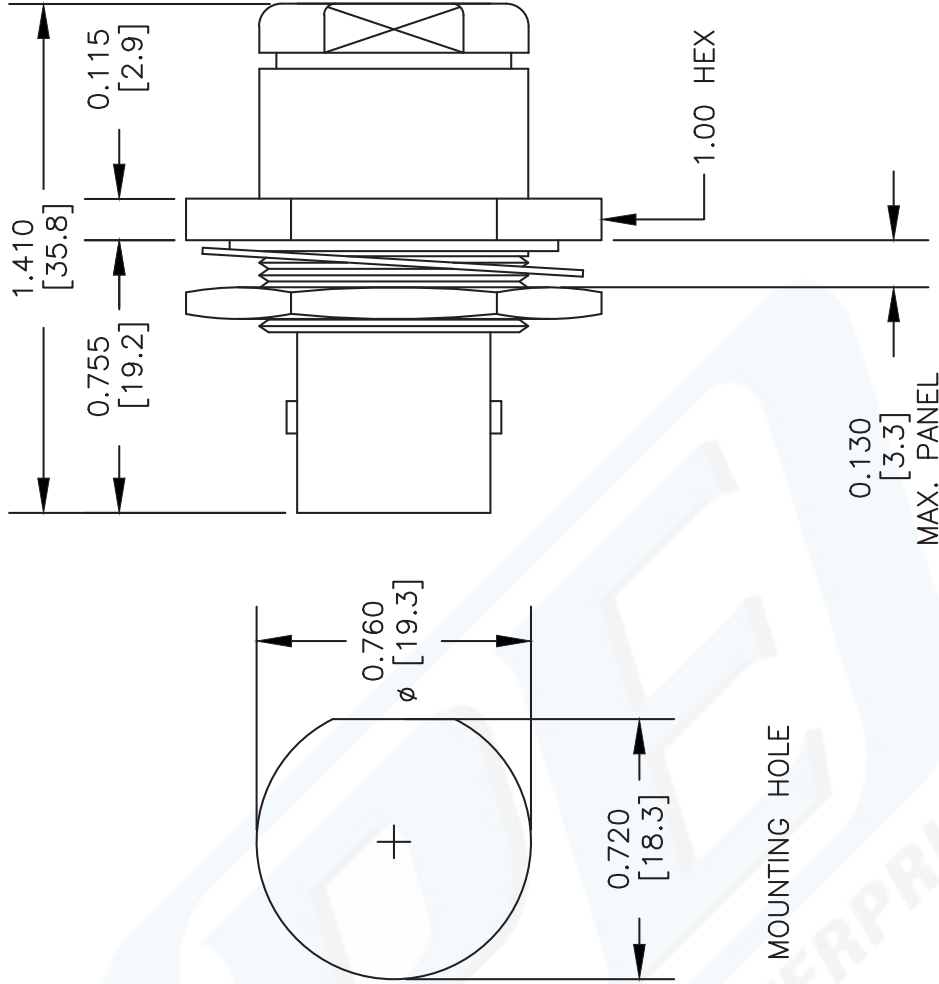
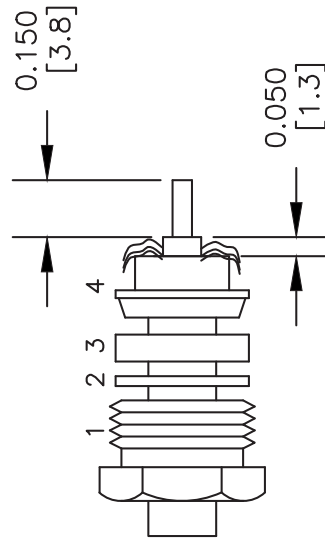
C Female Bulkhead Connector Clamp/Solder Attachment For RG213,
RG214, RG8, RG9, RG11, RG225, RG393, .720 inch D Hole

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.



DWG TITLE

PE4964

FSCM NO. 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].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

CAD FILE 061402

SCALE N/A

SIZE A

XXXX

PE PASTERNAK®

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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 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.

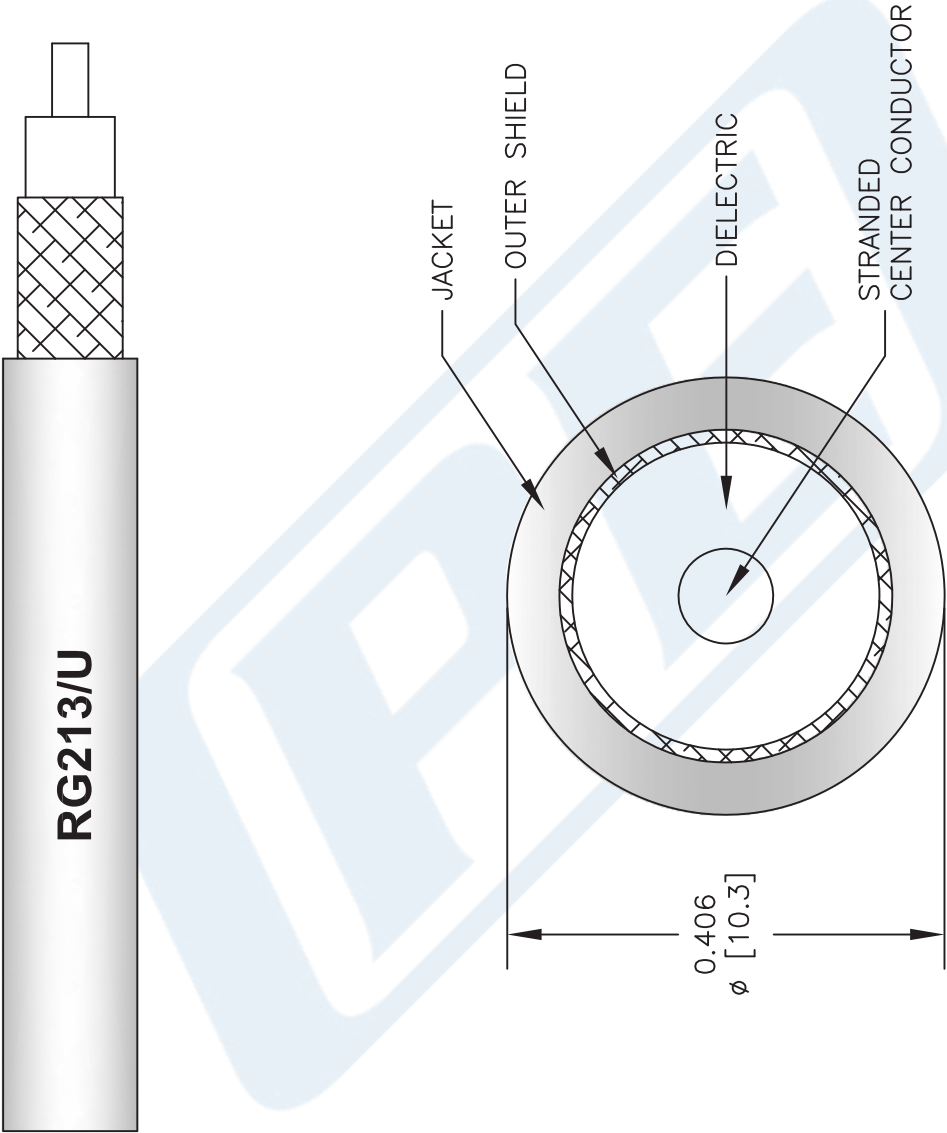
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG213 Coax Cable Single Shielded with Black PVC Jacket RG213/U](http://www.pasternack.com/flexible-0.405-rg213-50-ohm-coax-cable-pvc-jacket-rg213-u-p.aspx)

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

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RG213/U CAD Drawing

Flexible RG213 Coax Cable Single Shielded with Black PVC Jacket



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DWG TITLE
RG213/U

FSCM NO. 53919

2233

SIZE A

SCALE N/A

CAD FILE 061312-B



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