



HN Male Connector Clamp/Solder Attachment for RG17, RG218, RG219

RF Connectors Technical Data Sheet

PE4476

Configuration

- HN Male Connector
- MIL-STD-348
- 50 Ohms

- Straight Body Geometry
- Connector Interface Types: RG17, RG218, RG219

Features

- Max. Operating Frequency 4 GHz
- Silver over Copper Plated Brass Contact
- Contact plating according to QQ-S-365

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4476 HN male connector with clamp/solder attachment for RG17, RG218 and RG219 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 4 GHz.

Our HN male connector PE4476 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)			1,500	Vrms
Dielectric Withstanding Voltage (AC)			5,000	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size	
Length	2.6 in [66.04 mm]
Width/Dia.	1.31 in [33.27 mm]
Weight	0.373 lbs [169.19 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 Clamp/Solder Attachment for RG17, RG218, RG219 PE4476](#)



HN Male Connector Clamp/Solder Attachment for RG17, RG218, RG219

RF Connectors Technical Data Sheet

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Material Specifications

Description	Material	Plating
Contact	Brass	Silver over Copper QQ-S-365
Insulation	PTFE	
Body	Brass	Nickel QQ-N-290
Coupling Nut	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:

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 Clamp/Solder Attachment for RG17, RG218, RG219 PE4476](#)



HN Male Connector Clamp/Solder Attachment for RG17, RG218, RG219

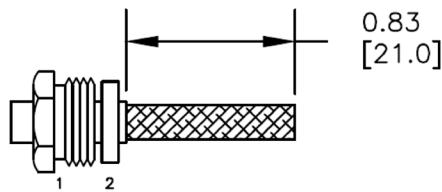
RF Connectors Technical Data Sheet

PE4476

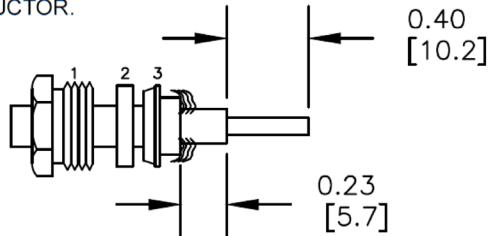
Assembly Instruction

ASSEMBLY PROCEDURES

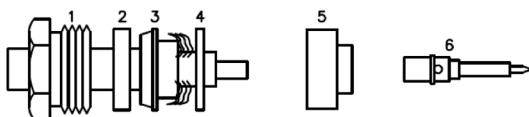
1. SLIDE CLAMP NUT (1) & GASKET (2) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (3). SLIDE BRAID CLAMP(3) OVER BRAID & SEAT AGAINST JACKET.



2. FORM BRAID OVER CLAMP NUT (3). TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR.



3. SLIDE WASHER (4) OVER DIELECTRIC AND SEAT AGAINST BRAID. SLIDE PTFE (5) OVER DIELECTRIC AND CENTER CONDUCTOR, SEAT AGAINST WASHER. SOLDER CONTACT TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.



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 Clamp/Solder Attachment for RG17, RG218, RG219 PE4476](#)



HN Male Connector Clamp/Solder Attachment for RG17, RG218, RG219

RF Connectors Technical Data Sheet

PE4476

HN Male Connector Clamp/Solder Attachment for RG17, RG218, RG219 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.

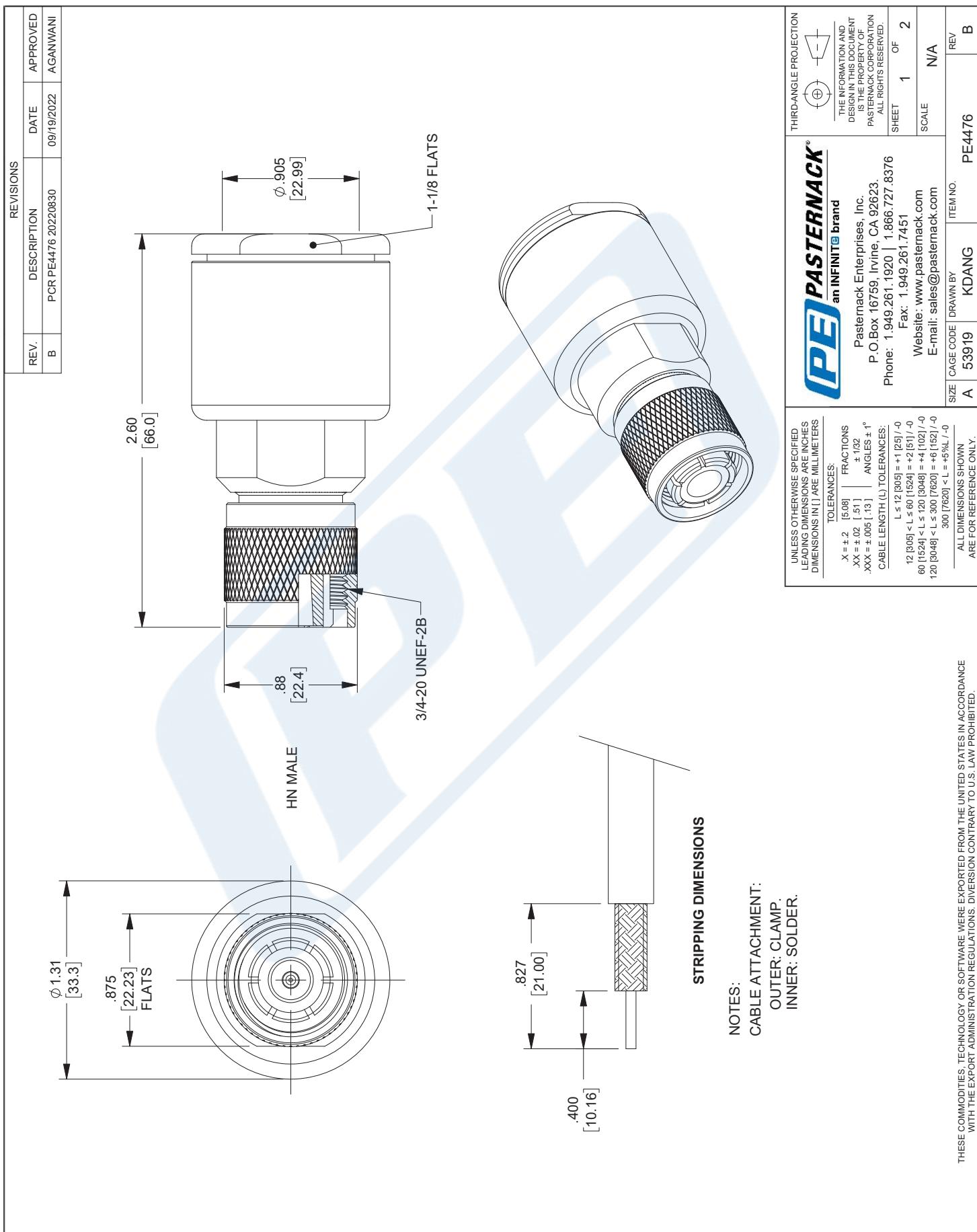
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [HN Male Connector Clamp/Solder Attachment for RG17, RG218, RG219 PE4476](#)

URL: <https://www.pasternack.com/hn-male-standard-rg17-rg218-connector-pe4476-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.

PE4476 CAD Drawing

HN Male Connector Clamp/Solder Attachment for RG17, RG218, RG219



LC Male Connector Clamp/Solder Attachment for RG218, RG219, RG17



RF Connectors Technical Data Sheet

PE4323

Configuration

- LC Male Connector
- MIL-STD-348
- 50 Ohms
- Straight Body Geometry
- RG218, RG219, RG17 Interface Type
- Clamp/Solder Attachment
- 1 1/2 inch Hex

Features

- Max. Operating Frequency 1,000 MHz
- Silver Plated Beryllium Copper Contact
- Contact plating according to ASTM-B700

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4323 LC male connector with clamp/solder attachment for RG218, RG219 and RG17 is part of our full line of RF components available for same-day shipping. Our LC male connector operates up to a maximum frequency of 1,000 MHz.

Our LC male connector PE4323 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		1,000	MHz
Operating Voltage (AC)			5,000	Vrms
Dielectric Withstanding Voltage (AC)			5,000	Vrms

Mechanical Specifications

Size	
Length	3.95 in [100.33 mm]
Width/Dia.	1.5 in [38.10 mm]
Weight	0.84 lbs [381.02 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [LC Male Connector Clamp/Solder Attachment for RG218, RG219, RG17 PE4323](#)



LC Male Connector Clamp/Solder Attachment for RG218, RG219, RG17

RF Connectors Technical Data Sheet

PE4323

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Silver ASTM-B700
Body	Phosphor Bronze	Nickel ASTM-B689
Coupling Nut	Brass	Nickel ASTM-B689

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

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

Plotted and Other Data

Notes:

LC Male Connector Clamp/Solder Attachment for RG218, RG219, RG17 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: [LC Male Connector Clamp/Solder Attachment for RG218, RG219, RG17 PE4323](#)

URL: <https://www.pasternack.com/lc-male-standard-rg218-rg219-connector-pe4323-p.aspx>

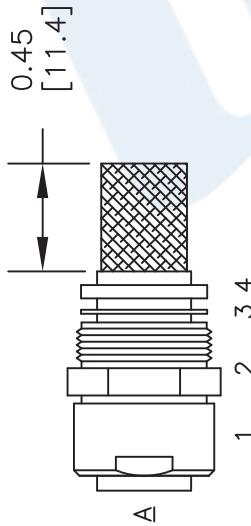
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PE4323 CAD Drawing

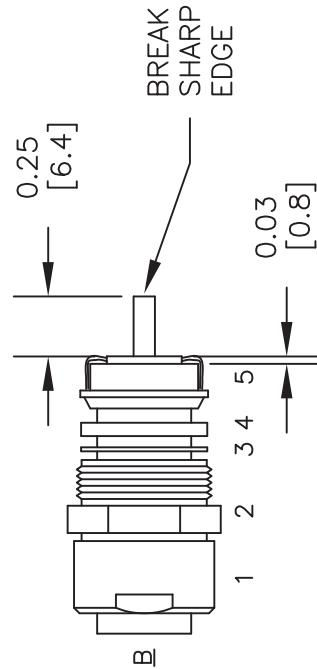
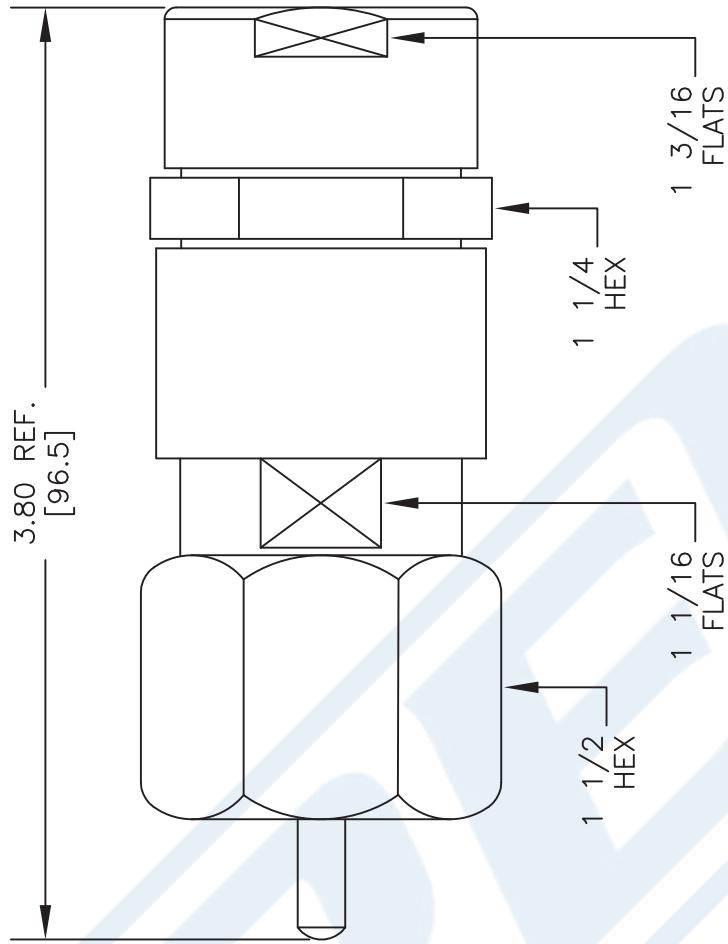
LC Male Connector Clamp/Solder Attachment for RG218, RG219, RG17

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1), EXTENSION (2), WASHER (3) & GASKET (4) OVER CABLE. STRIP CABLE AS SHOWN IN A. DO NOT NICK BRAID WHILE CUTTING JACKET COMB OUT BRAID. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (5). SLIDE BRAID CLAMP (5) OVER BRAID & SEAT AGAINST CABLE.



2. FORM BRAID OVER BRAID CLAMP NUT (5). TRIM BRAID BACK TO SHOULDER. CUT DIELECTRIC & CENTER CONDUCTOR TO DIMENSION SHOWN IN B. DO NOT NICK CENTER CONDUCTOR. INSERT #12 ALLEN WRENCH INTO SELF-TAPPING CONTACT. THREAD THE SELF-TAPPING CONTACT ONTO CENTER CONDUCTOR UNTIL IT SEATS AGAINST DIELECTRIC. SCREW CONTACT & CABLE ASSEMBLY INTO INSULATOR IN BODY. TIGHTEN BODY & EXTENSION (2) TOGETHER SECURELY. * THEN TIGHTEN CLAMP NUT (1) TO EXTENSION (2).



NOTE

RG219 STRAIGHTEN BULGE IN CLAMP NUT (1) & CUT IT SO THAT IT CAN BE CLAMPED TOGETHER TO EXTENSION (2).

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DWG TITLE	PE4323
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.

SIZE A	SCALE N/A	SIZE A	2233



Flexible RG218 Coax Cable Single Shielded with Black PVC Jacket

RF Cables Technical Data Sheet

RG218/U

Configuration

- Flexible Cable
- 1 Shield(s)

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		50		Ohms
Velocity of Propagation		66		%
Operating Voltage (AC)			11,000	Vrms
Nominal Capacitance	30.8 [101.05]			pF/ft [pF/m]

Performance by Frequency Band

Description	F1	F2	F3	F4	F5	Units
Frequency	50	100	400	1,000		MHz
Attenuation, Max	0.65	1	2.75	5		dB/100ft
	2.13	3.28	9.02	16.4		dB/100m
Input Power (CW), Max	6,500	3,700	1,200	600		Watts

Mechanical Specifications

Diameter	0.87 in [22.1 mm]
Weight	0.4775 lbs/ft [0.71 Kg/m]

Construction Specifications

Description	Material and Plating	Diameter
Inner Conductor	Copper, 1 Strands	0.195 in [4.95 mm]
Conductor Type	Solid	
Dielectric	PE	0.68 in [17.27 mm]
First Shield	Copper Braid	

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG218 Coax Cable Single Shielded with Black PVC Jacket RG218/U](#)



Flexible RG218 Coax Cable Single Shielded with Black PVC Jacket

RF Cables Technical Data Sheet

RG218/U

Jacket	PVC, Black	0.87 in [22.1 mm]
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Environmental Specifications

Temperature

Operating Range

-40 to +80 deg C

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

Plotted and Other Data

Notes:

Flexible RG218 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 99.4% availability and are part of the broadest selection in the industry.

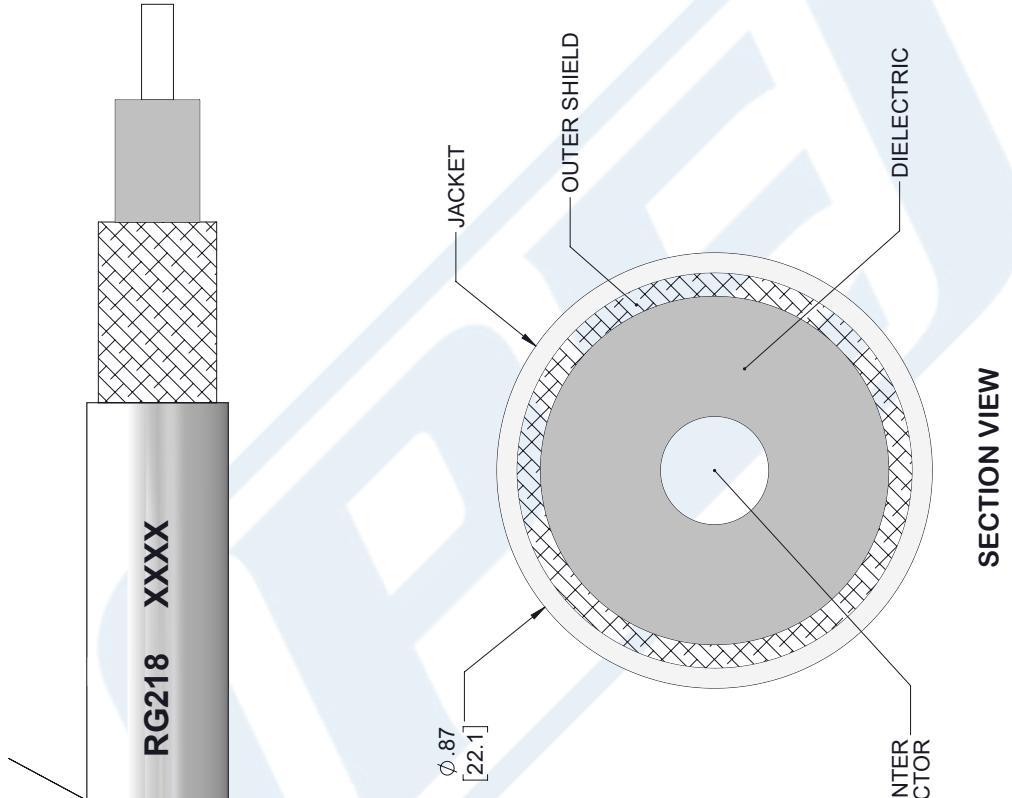
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG218 Coax Cable Single Shielded with Black PVC Jacket RG218/U](#)

URL: <https://www.pasternack.com/flexible-0.870-rg218-50-ohm-coax-cable-pvc-jacket-rg218-u-p.aspx>

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RG218/U CAD Drawing

Flexible RG218 Coax Cable Single Shielded with Black PVC Jacket



STANDARD TOLERANCES	
.X	± 0.2
.XX	± 0.01
.XXX	± 0.005

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES
*CABLE JACKET SHALL BE MARKED WITH
THE COAX GENERIC NAME AND LOT ID



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DWG TITLE
RG218/U

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CAGE CODE	53919	CAD FILE	04/05/18	SCALE	N/A	SIZE	A
							7361