

## 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
- RG17, RG218, RG219 Interface Type
- Clamp/Solder Attachment

#### Features

- Silver Plated 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 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.

#### Mechanical Specifications

##### Size

Length  
Width/Dia.

2.6 in [66.04 mm]

1.31 in [33.27 mm]

Weight

0.373 lbs [169.19 g]

#### Material Specifications

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

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

#### Plotted and Other Data

Notes:

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

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

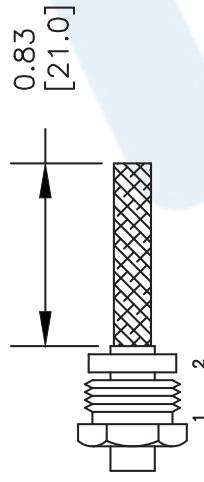
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# PE4476 CAD Drawing

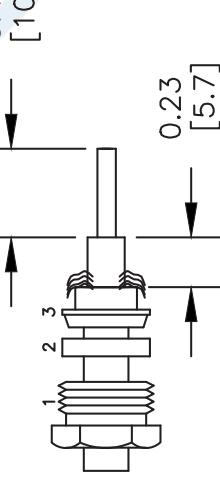
HN Male Connector Clamp/Solder Attachment for RG17, RG218, RG219

## ASSEMBLY PROCEDURES

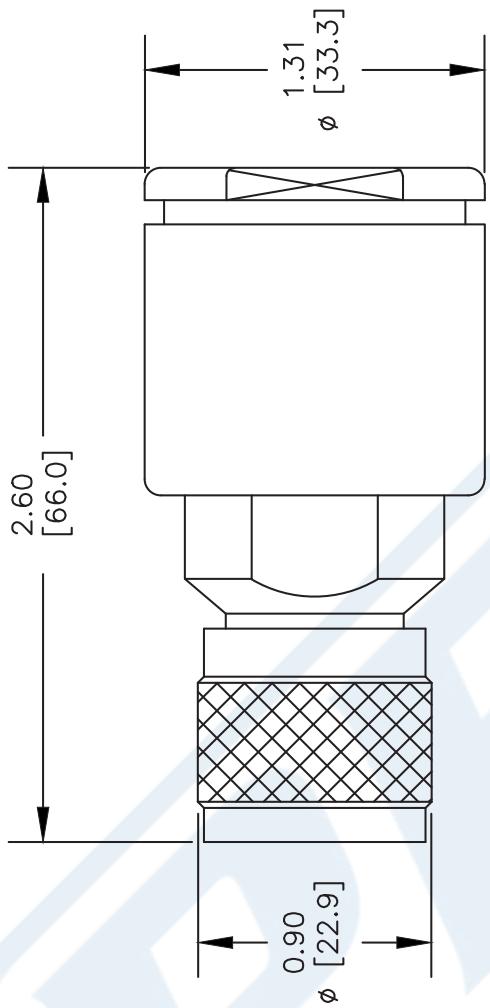
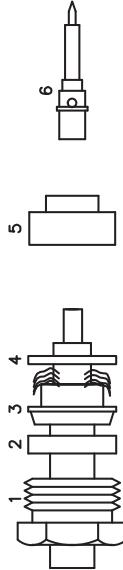
1. SLIDE CLAMP NUT (1) & GASKET (2) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (3) SLIDE BRAID CLAMP (3) OVER BRAID & SEAT AGAINST JACKET.



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.



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.

DWG TITLE  
**PE4476**

**PE PASTERNACK**  
 Pasternack Enterprises, Inc.  
 P.O. Box 16759 | Irvine | CA | 92623  
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 Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)

REV. A	FSCM NO.	53919	CAD FILE	080309	SCALE N/A	SIZE A	2233
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## HN Male Connector Clamp/Solder Attachment for RG17, RG218, RG219



### RF Connectors Technical Data Sheet

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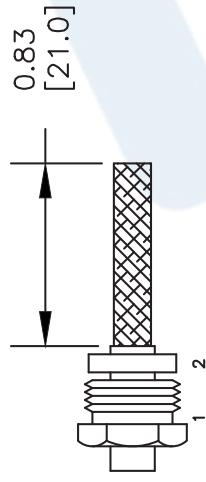
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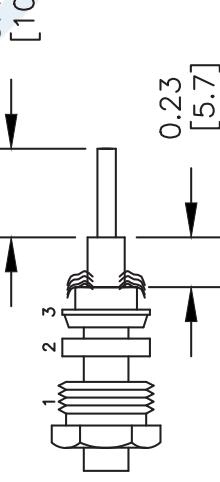
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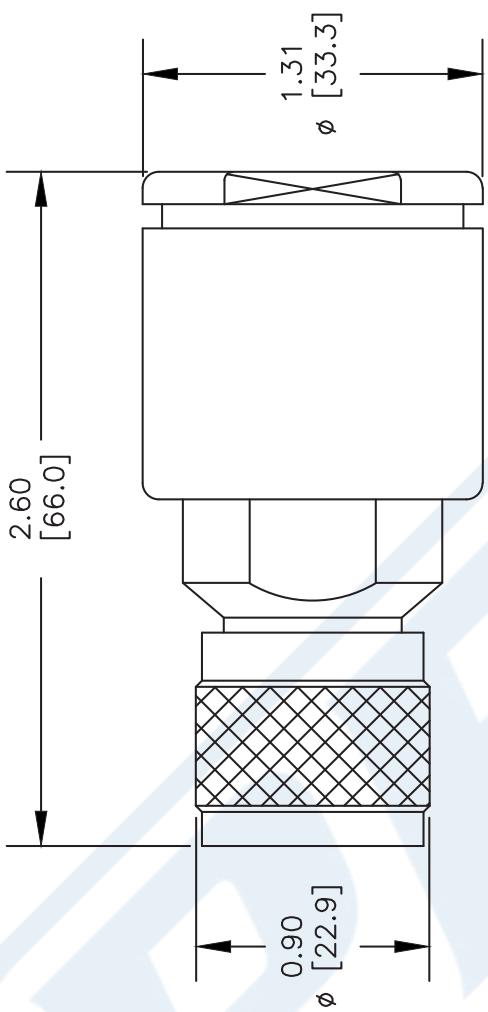
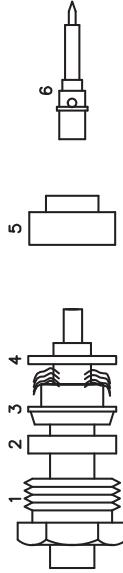
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REV. A	FSCM NO.	53919	CAD FILE	080309	SCALE N/A	SIZE A	2233



## Flexible RG219 Coax Cable Single Shielded with PVC With Aluminum Armor Jacket

### TECHNICAL DATA SHEET

### RG219/79D

#### Flexible RG219 Coax Cable Single Shielded with PVC With Aluminum Armor Jacket

##### Configuration

Inner Conductor Material and Plating	Copper
Dielectric Type	PE
Shield Materials	Beryllium Copper
Jacket Material and Color	PVC With Armor

##### Electrical Specifications

Impedance, Ohms	50
Maximum Operating Frequency, GHz	5
Capacitance, pF/ft [pF/m]	30.8 [101.05]
Maximum Operating Voltage, Volts	11,000

##### Electrical Specifications by Frequency

###### Frequency 1

Frequency, MHz	10
Attenuation, dB/100ft [dB/100m]	0.23 [0.75]
Power Handling, KWatts	18

###### Frequency 2

Frequency, MHz	100
Attenuation, dB/100ft [dB/100m]	0.81 [2.66]
Power Handling, KWatts	3.2

###### Frequency 3

Frequency, MHz	1000
Attenuation, dB/100ft [dB/100m]	3.8 [12.47]
Power Handling, Watts	560

###### Frequency 4

Frequency, GHz	5
Attenuation, dB/100ft [dB/100m]	13.5 [44.29]
Power Handling, Watts	160

##### Mechanical Specifications

###### Temperature

Operating Range, deg C	-40 to +80
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###### Inner Conductor

Number of Strands	1
Material	Copper
Diameter, in [mm]	0.195 [4.95]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG219 Coax Cable Single Shielded with PVC With Aluminum Armor Jacket RG219/79D](#)

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## Flexible RG219 Coax Cable Single Shielded with PVC With Aluminum Armor Jacket

### TECHNICAL DATA SHEET

**RG219/79D**
**Dielectric:**

 Type  
 Diameter, in [mm]

 PE  
 0.68 [17.27]

**Shield:**

 Number of  
 Material 1  
 Diameter, in [mm]

 1  
 Beryllium Copper  
 0.726 [18.44]

**Jacket:**

 Material  
 Diameter, in [mm]  
 Weight, lbs/ft [Kg/m]

 PVC With Armor  
 0.87 [22.1]  
 0.585 [0.87]

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

RoHS Compliant Yes

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

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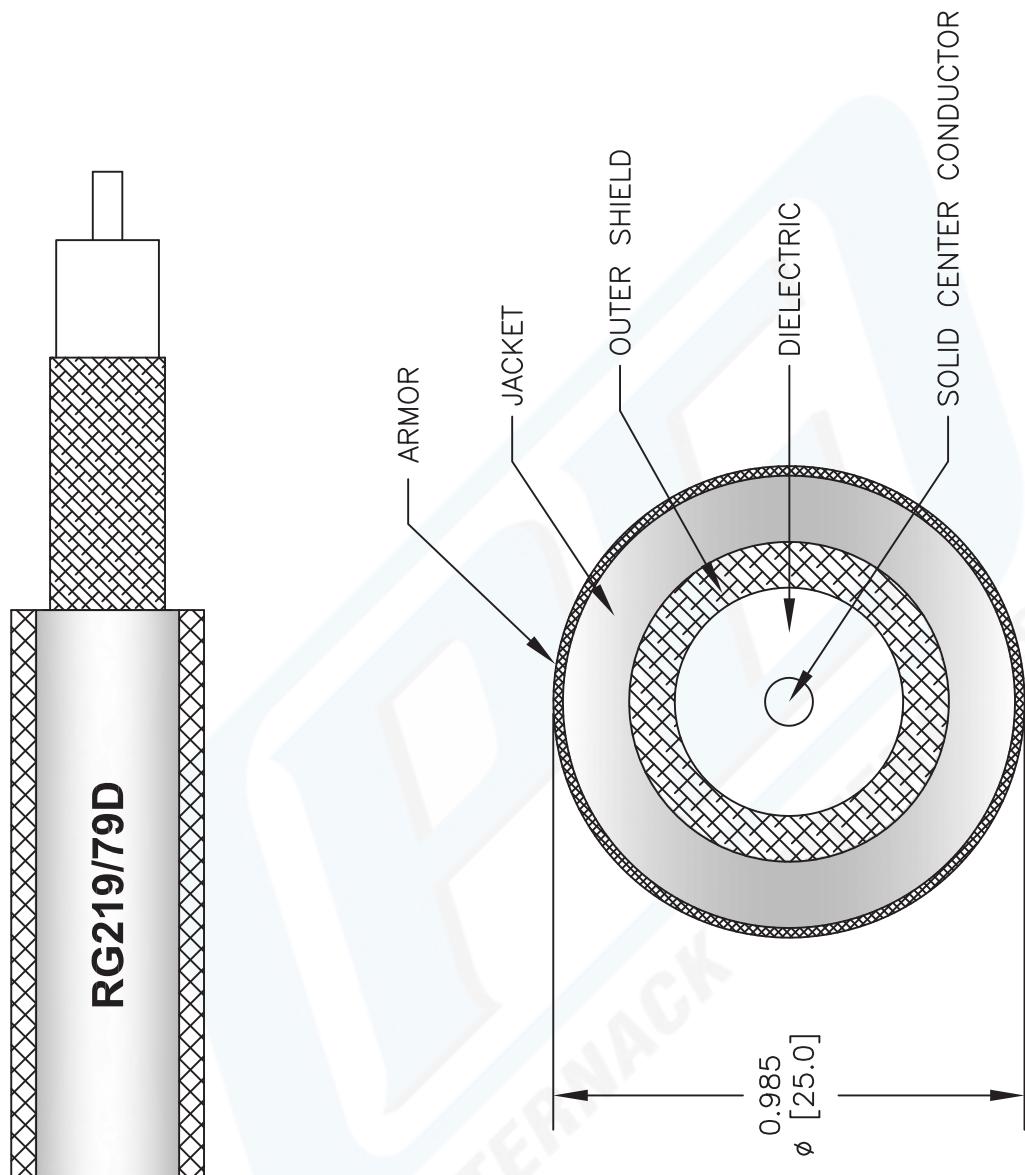
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# RG219/79D CAD Drawing

Flexible RG219 Coax Cable Single Shielded with PVC With Aluminum Armor Jacket



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PASTERNACK®	DWG TITLE	RG219/79D		
FSCM NO.	CAD FILE	102313	SCALE	N/A
			SIZE	A
			2233	

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