

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

PE4476

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.

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>

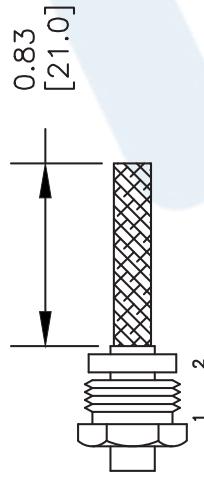
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such 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

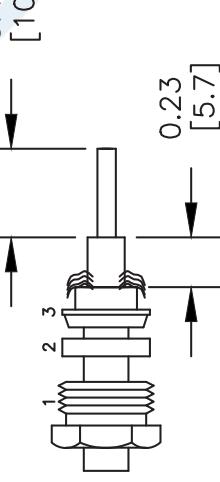
HN Male Connector Clamp/Solder Attachment for RG17, RG218, RG219

ASSEMBLY PROCEDURES

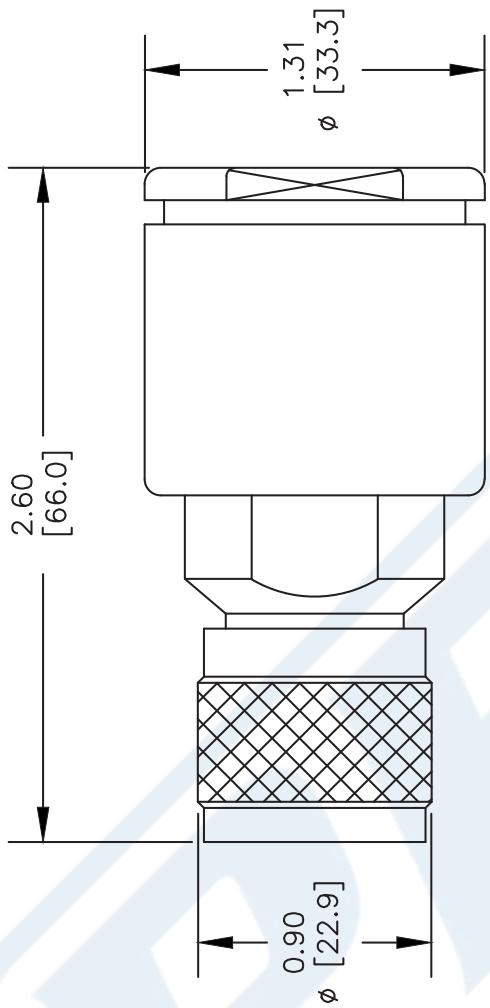
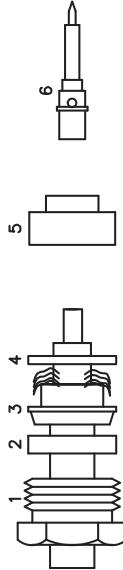
1. SLIDE CLAMP NUT (1) & GASKET (2) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (3) SLIDE BRAID CLAMP (3) OVER BRAID & SEAT AGAINST JACKET.



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.



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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.
3. DIMENSIONS ARE IN INCHES (mm).
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

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



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

RF Connectors Technical Data Sheet

PE4433

Configuration

- N 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 PE4433 type N 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 type N male connector PE4433 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.

2.26 in [57.4 mm]

1.31 in [33.27 mm]

Weight

0.33 lbs [149.69 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: [N Male Connector Clamp/Solder Attachment for RG17, RG218, RG219 PE4433](#)



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

RF Connectors Technical Data Sheet

PE4433

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

Plotted and Other Data

Notes:

N 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.

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 Attachment for RG17, RG218, RG219 PE4433](#)

URL: <https://www.pasternack.com/n-male-standard-rg218-connector-pe4433-p.aspx>

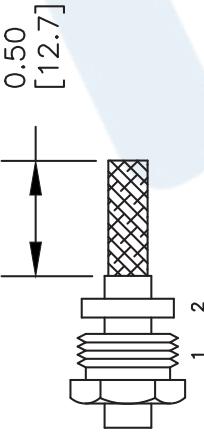
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PE4433 CAD Drawing

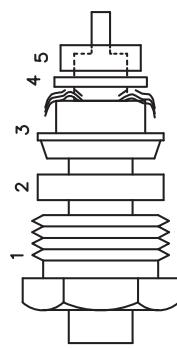
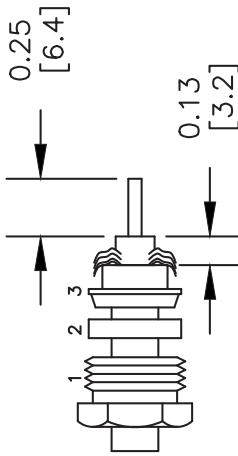
N Male Connector Clamp/Solder Attachment for RG17, RG218, RG219

ASSEMBLY PROCEDURES

1. SLIDE CLAMP NUT (1) & GASKET (2) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. COMB OUT BRAID. 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 & CENTER CONDUCTOR TO DIMENSION SHOWN. DO NOT NICK CENTER CONDUCTOR. SLIDE WASHER (4) & BUSHING (5) OVER DIELECTRIC. SOLDER CONTACT TO CENTER CONDUCTOR. REMOVE EXCESS SOLDER. DO NOT OVER HEAT DIELECTRIC. INSERT CABLE ASSEMBLY INTO BODY & TIGHTEN.



DWG TITLE

PE4433

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PE

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NOTES:
1. UNL
2. ALL
3. DIME
4. FITS

A technical drawing of a cylindrical component. The top part is a flange with a diameter of $\phi 1.31$ [33.3]. The bottom part is a cylinder with a cross-hatched base. A vertical dimension line on the left indicates a height of 2.26 [57.4] from the base of the cylinder to the top of the flange. The drawing uses lines and arrows to indicate dimensions and features.



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 for current document)

RoHS Compliant Yes

Plotted and Other Data

Notes:

Values at 25 °C, sea level

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

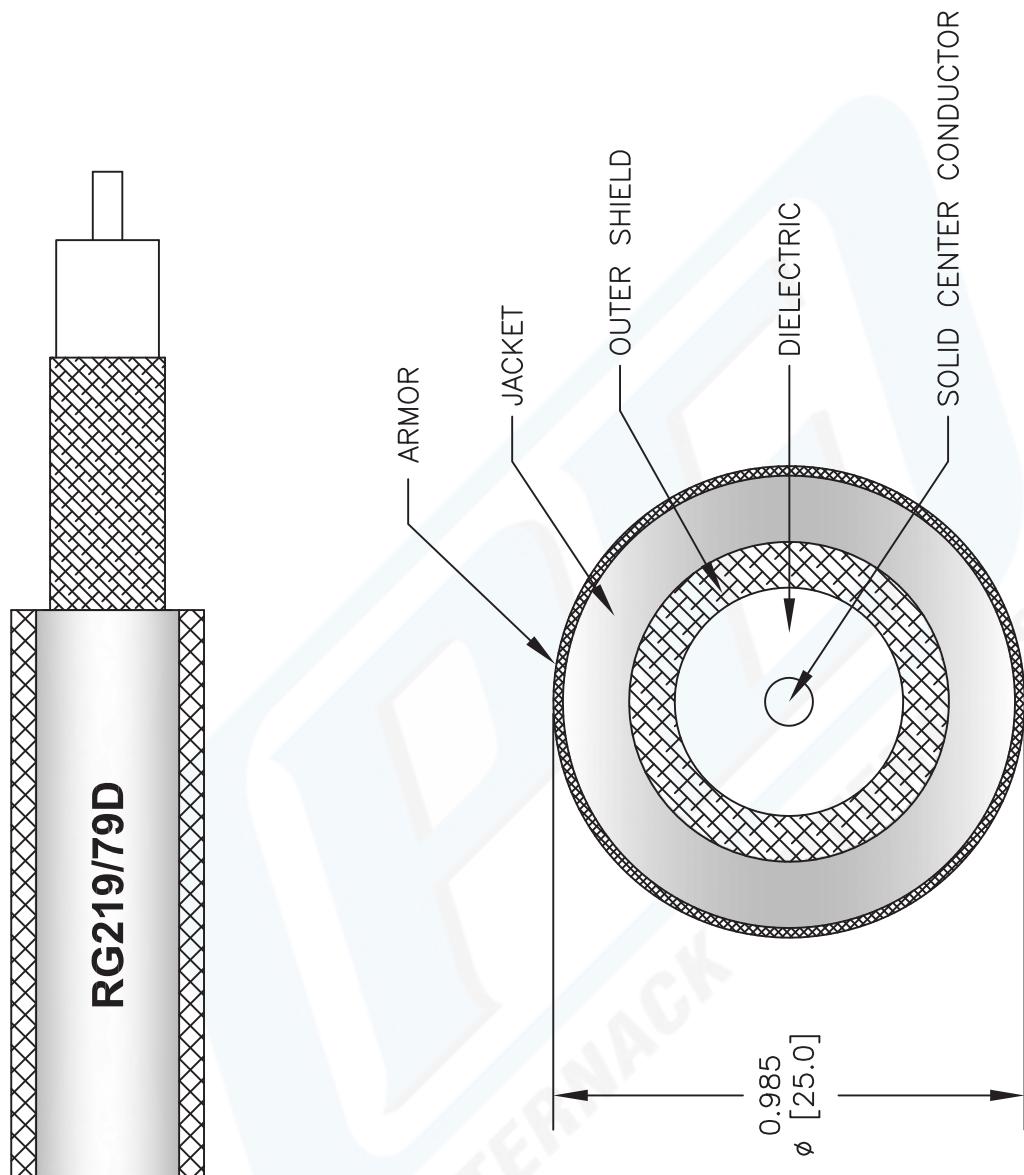
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Flexible RG219 Coax Cable Single Shielded with PVC With Aluminum Armor Jacket RG219/79D](http://www.pasternack.com/50-ohm-flexible-rg219-pvc-with-armor-jacket-copper-braid-outer-conductor-single-shielded-rg219-79d-p.aspx)

URL: <http://www.pasternack.com/50-ohm-flexible-rg219-pvc-with-armor-jacket-copper-braid-outer-conductor-single-shielded-rg219-79d-p.aspx>

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RG219/79D CAD Drawing

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



NOTES:
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2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE
RG219/79D

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FSCM NO.	53919	CAD FILE	102313	SCALE	N/A	SIZE	A	2233
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