



## 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

<b>Size</b>	
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](#)



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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:

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

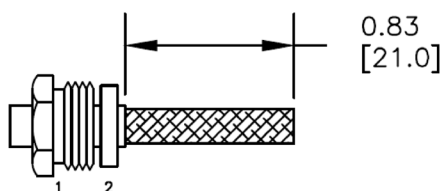
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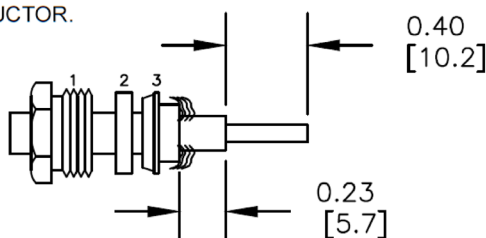
#### Assembly Instruction

##### ASSEMBLY PROCEDURES

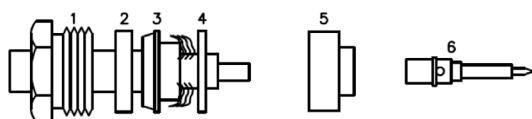
1. SLIDE CLAMP NUT (1) & GASKET (2) OVER CABLE. STRIP CABLE AS SHOWN. DO NOT NICK BRAID WHILE CUTTING JACKET. TAPER END OF BRAID TO PERMIT ASSEMBLY OF BRAID CLAMP (3) SLIDE BRAID CLAMP(3) OVER BRAID & SEAT AGAINST JACKET.



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](#)



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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](https://www.pasternack.com/hn-male-standard-rg17-rg218-connector-pe4476-p.aspx)

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.

