



N Male Connector Clamp/Non-Solder Contact  
Attachment for 1/2 inch Helical

TECHNICAL DATA SHEET

PE44552

**Configuration**

Connector	N Male
Connector Interface Type	1/2 inch Helical
Attachment Method (Shield/Contact)	Clamp/Non-Solder Contact
Body Style	Straight

**Electrical Specifications**

Impedance	50 Ohms
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**Mechanical Specifications**

**Size**

Length	2.078 in [52.78 mm]
Width/Dia.	0.787 in [19.99 mm]
Weight	0.11 lbs [49.9 g]

**Connector**

Type	N Male
Contact Material and Plating	Brass, Silver
Coupling Nut Material and Plating	Brass, Tri-Metal
Hex Size	20 mm
Body Material and Plating	Brass, Tri-Metal
Dielectric Type	Teflon

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

RoHS Compliant	
REACH Compliant	12/19/2011

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/Non-Solder Contact Attachment for 1/2 inch Helical PE44552](#)



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#### Plotted and Other Data

Notes:

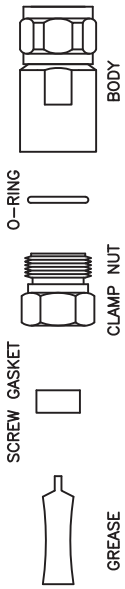
- Values at +25 °C, sea level

N Male Connector Clamp/Non-Solder Contact Attachment for 1/2 inch Helical 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/Non-Solder Contact Attachment for 1/2 inch Helical PE44552](#)

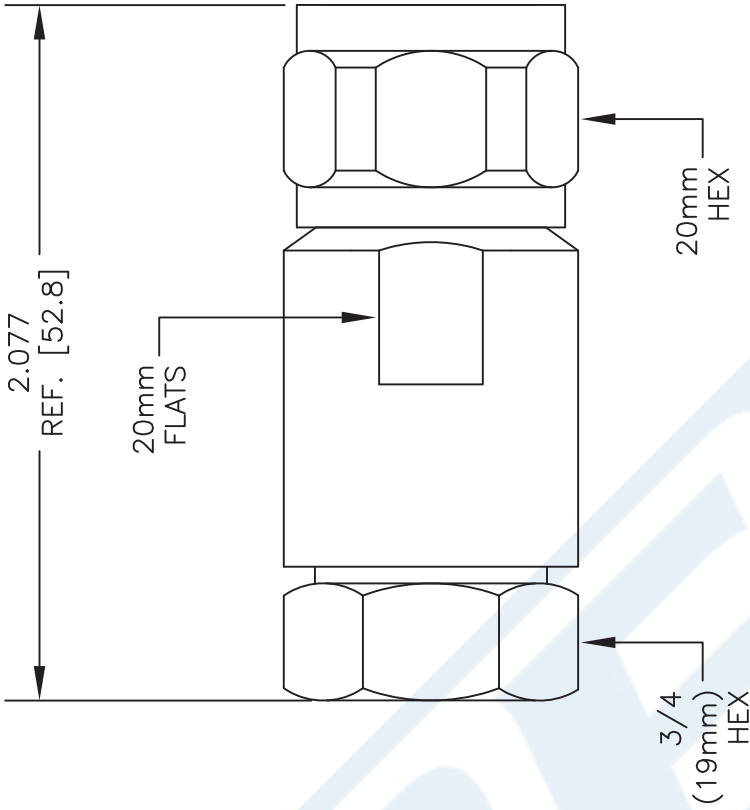
URL: <http://www.pasternack.com/n-male-standard-1-2-inch-helical-connector-pe44552-p.aspx>

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.



### ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN, CHAMFER CENTER CONDUCTOR & DEBURR CABLE.
2. PUT THE SCREW GASKET ONTO CABLE, PAY ATTENTION TO THE CORRECT DIRECTION OF THE SCREW GASKET (ANGLE DIRECTION TOWARDS THE FRONT). WIPE THE GASKET WITH GREASE.
3. SCREW CLAMP NUT ONTO CABLE UNTIL EDGES OF NUT & OUTER CONDUCTOR ARE FLAT.
4. SLIDE O-RING OVER THREAD AND SEAT INTO PLACE. GREASE O-RING.
5. HOLD CLAMP NUT STEADY & SCREW BODY TIGHTLY ONTO CABLE.



DWG TITLE

**PE44552**

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.

**PE PASTERNAK®**  
 THE ENGINEER'S RF SOURCE  
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FSCM NO. 53919

CAD FILE 052714

SCALE N/A

SIZE A

2233