



N Male Connector Clamp Attachment For 7/8 inch Annular,  
7/8 inch Helical, 7/8 inch Superflexible, 7/8 inch Flexible

TECHNICAL DATA SHEET

PE44976

**Configuration**

Connector	N Male
Connector Interface Type	7/8 inch Annular, 7/8 inch Helical, 7/8 inch Superflexible, 7/8 inch Flexible
Cable Attachment Method (Shield/Contact)	Clamp
Body Style	Straight

**Electrical Specifications**

Frequency Range, GHz	DC to 3
Impedance, Ohms	50
Maximum VSWR	1.1:1
Maximum Insertion Loss, dB	0.05
Dielectric Withstanding Voltage, Vrms	2,500
Maximum Passive Intermodulation (2 x 20 Watts), dBc	-160

**Mechanical Specifications**

**Temperature**

Operating Range, deg C	-40 to +85
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**Size**

Length, in [mm]	2.53 [64.26]
Width/Dia., in [mm]	1.35 [34.29]
Weight, lbs [g]	0.37 [167.83]

**Connector**

Type	N Male
Contact Material and Plating	Brass, Silver
Contact Plating Specification	5µm
Coupling Nut Material and Plating	Brass, Nickel
Coupling Nut Plating Specification	5µm
Hex Size, mm	20
Body Material and Plating	Brass, Tri-Metal
Body Plating Specification	2µm
Dielectric Type	TPX

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

RoHS Compliant	Yes
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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 Attachment For 7/8 inch Annular, 7/8 inch Helical, 7/8 inch Superflexible, 7/8 inch Flexible PE44976](#)

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.



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**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

N Male Connector Clamp Attachment For 7/8 inch Annular, 7/8 inch Helical, 7/8 inch Superflexible, 7/8 inch Flexible 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.

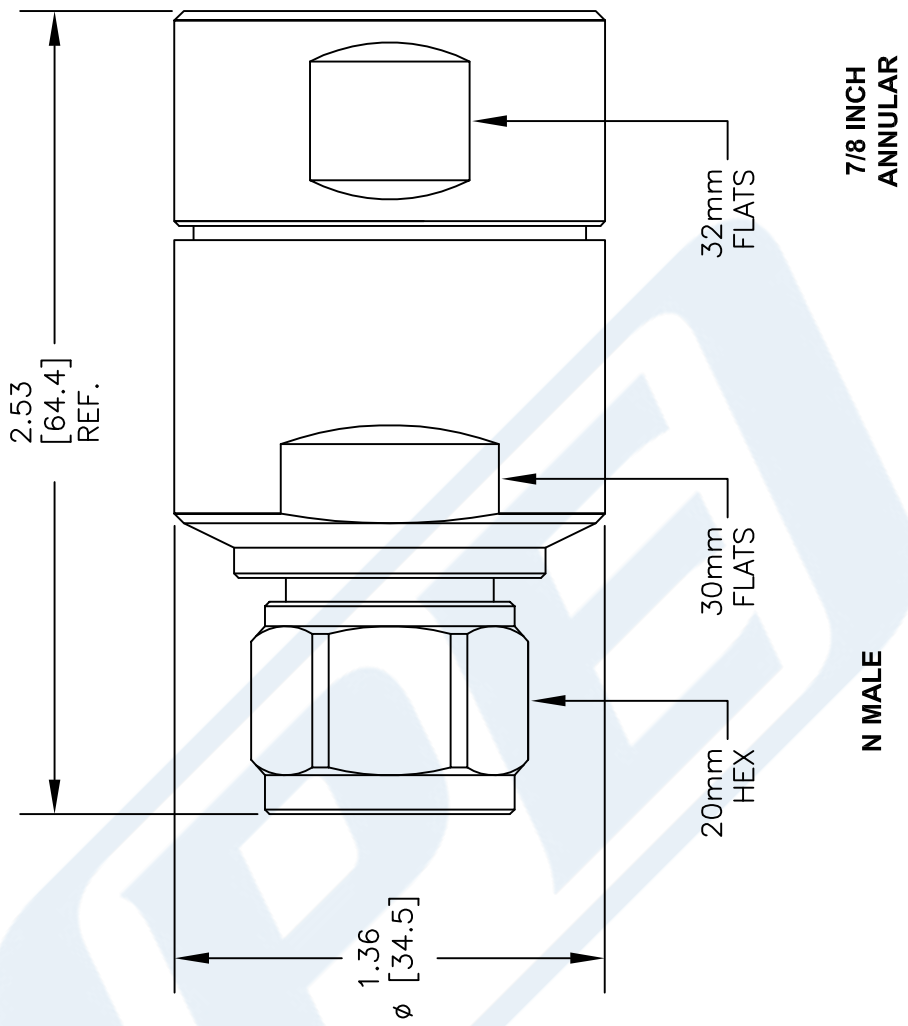
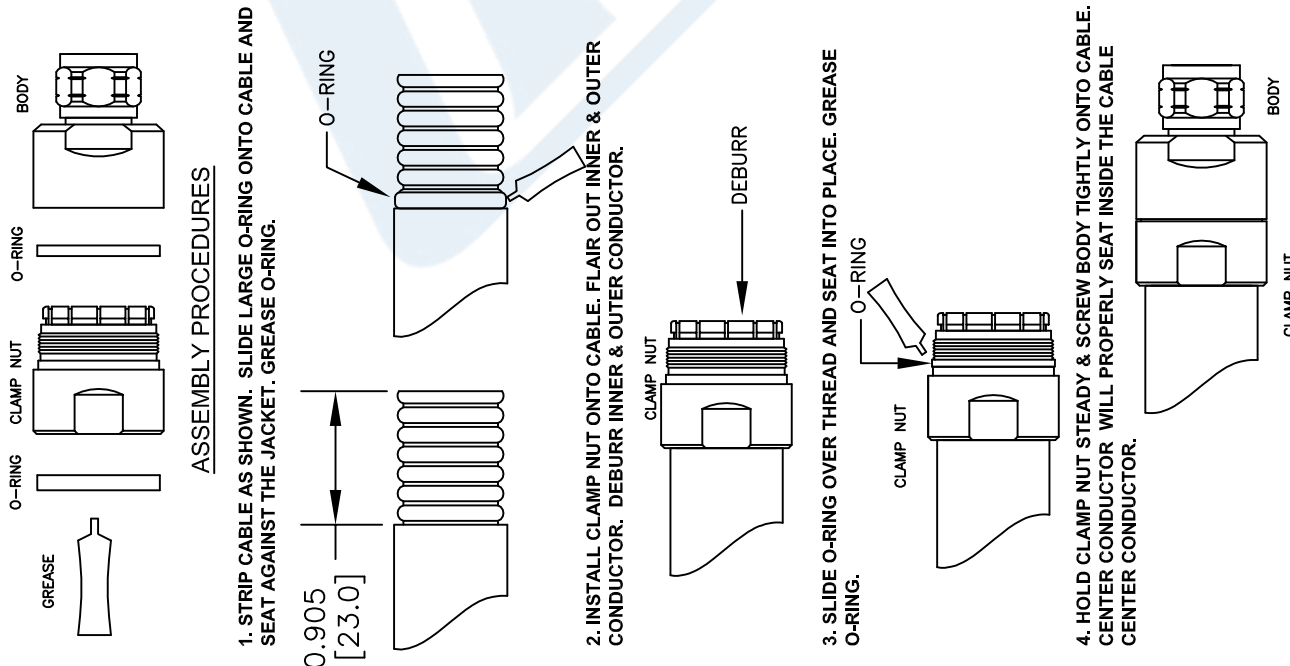
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URL: <http://www.pasternack.com/n-male-standard-7-8-inch-annular-connector-pe44976-p.aspx>

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# PE44976 CAD Drawing

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**PE PASTERNAK®**  
THE ENGINEER'S RF SOURCE  
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DWG TITLE  
**PE44976**

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.

CAD FILE 021714 SCALE N/A SIZE A 150