



N Male Right Angle Connector Clamp/Solder Attachment for 1/2 inch Annular, 1/2 inch Flexible, PE-1/2FAC

RF Connectors Technical Data Sheet

PE45358

Configuration

- N Male Connector
- 50 Ohms
- Right Angle Body Geometry
- Connector Interface Types: 1/2 inch Annular, 1/2 inch Flexible, PE-1/2FAC
- 3/4 in Hex
- Low PIM Design

Features

- Max. Operating Frequency 6 GHz
- Excellent VSWR of 1.25:1
- Silver Plated Brass Contact

Applications

- General Purpose Test
- Custom Cable Assemblies
- Wireless Communications
- Low PIM Applications

Description

Pasternack's PE45358 type N male right angle connector with clamp/solder attachment for 1/2 inch Annular, 1/2 inch Flexible and PE-1/2FAC is part of our full line of RF components available for same-day shipping. Our type N male connector operates up to a maximum frequency of 6 GHz and offers excellent VSWR of 1.25:1. Its right angle body geometry allows for easier connections in tight spaces.

Our type N male right angle connector PE45358 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		6	GHz
VSWR			1.25:1	
Insertion Loss			0.12	dB
Operating Voltage (AC)			2,500	Vrms
Inner Conductor DC Resistance			0.8	mOhms
Outer Conductor DC Resistance			0.4	mOhms
Insulation Resistance	5,000			MOhms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Right Angle Connector Clamp/Solder Attachment for 1/2 inch Annular, 1/2 inch Flexible, PE-1/2FAC PE45358](#)



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Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 3	3 to 6				GHz
VSWR, Max	1.12:1	1.25:1				

Mechanical Specifications

Size

Length	2.63 in [66.8 mm]
Width/Dia.	0.867 in [22.02 mm]
Height	1.734 in [44.04 mm]
Weight	0.327 lbs [148.32 g]
Mating Cycles	500 Cycles

Material Specifications

Description	Material	Plating
Contact	Brass	Silver
Insulation	Teflon	
Body	Brass	Tri-Metal
Coupling Nut	Brass	Tri-Metal
Gasket	Silicone Rubber	

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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N Male Right Angle Connector Clamp/Solder Attachment for 1/2 inch Annular, 1/2 inch Flexible, PE-1/2FAC 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.

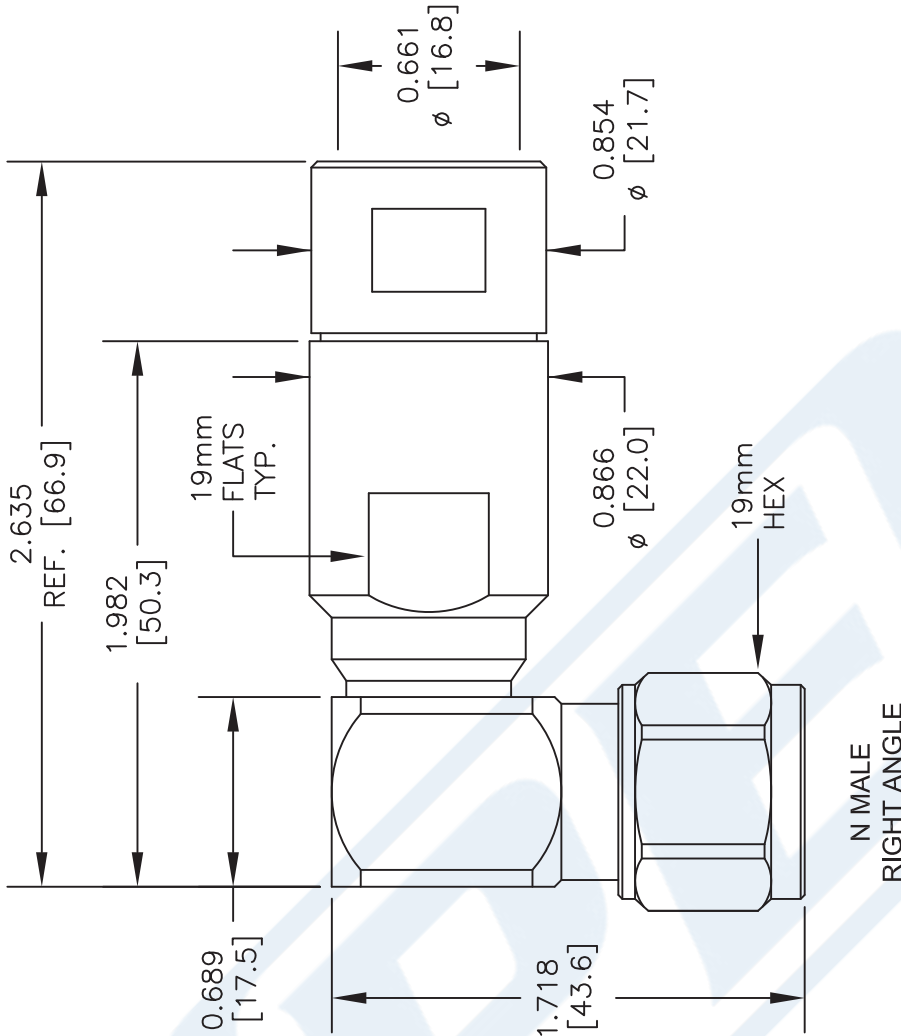
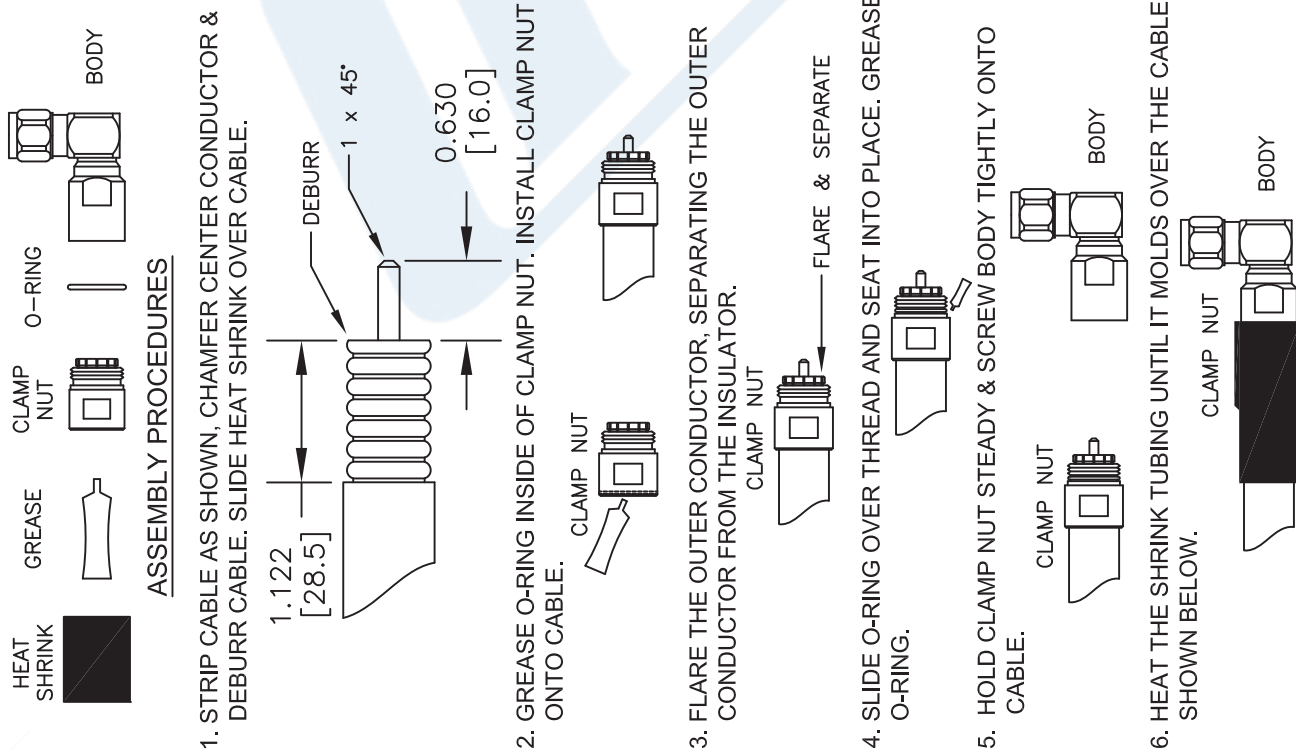
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Right Angle Connector Clamp/Solder Attachment for 1/2 inch Annular, 1/2 inch Flexible, PE-1/2FAC PE45358](https://www.pasternack.com/n-male-1-2-inch-annular-1-2-flexible-connector-pe45358-p.aspx)

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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.

PE45358 CAD Drawing

N Male Right Angle Connector Clamp/Solder Attachment for
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STANDARD	TOLERANCES
.X	±0.2
.XX	±0.1
.XXX	±0.05

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

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].

DWG TITLE
PE45358

CAGE CODE 53919

CAD FILE 020717

SCALE N/A

SIZE A

2233

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