



## 4 Hole Flange Mount N Female to HN Female Adapter

### RF Adapters Technical Data Sheet

PE9553

#### Configuration

- N Female Connector 1
- HN Female Connector 2
- 50 Ohm
- Straight Body Geometry
- 4 Hole Flange Mount Method

#### Features

- Type N interface compliant with MIL-STD-348
- HN interface compliant with MIL-STD-348
- Contact plating according to QQ-S-365
- N Interface compliant with MIL-STD-348
- HN Interface compliant with MIL-STD-348
- Silver Plated Contact
- Contact Plating per QQ-S-365

#### Applications

- Allows Connection Between Series
- Rack Mounted Equipment
- General Purpose Test
- Allows Connection Between Series
- General Purpose Test
- Rack Mounted Equipment

#### Description

Pasternack's PE9553 4 hole flange type N female to HN female adapter is part of our full line of RF components available for same-day shipping. Our type N to HN adapter has a female to female gender configuration. This RF type N 4 hole flange to HN adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Pasternack also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

#### Mechanical Specifications

##### Size

Length	1.76 in [44.7 mm]
Width	1.19 in [30.23 mm]
Height	1.19 in [30.23 mm]
Weight	0.007 lbs [3.18 g]

Description	Connector 1	Connector 2
Type	N Female	HN Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [4 Hole Flange Mount N Female to HN Female Adapter PE9553](#)



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#### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	N Female		HN Female	
Contact		Silver QQ-S-365		Silver QQ-S-365
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel QQ-N-290	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:

4 Hole Flange Mount N Female to HN Female Adapter 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: [4 Hole Flange Mount N Female to HN Female Adapter PE9553](#)

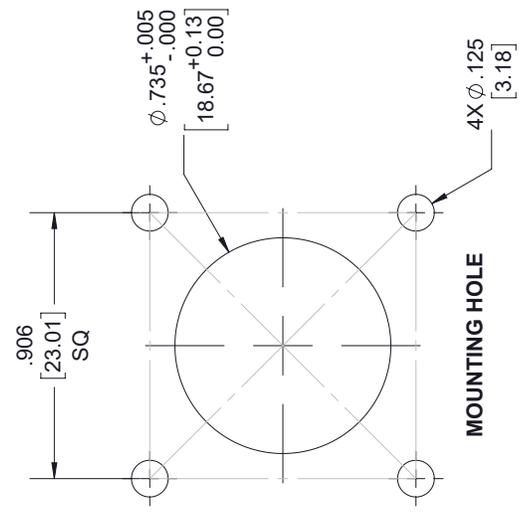
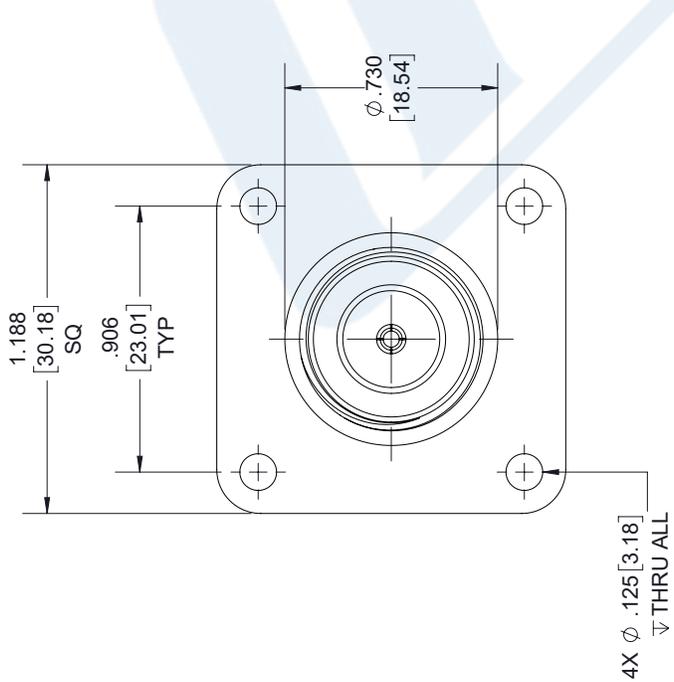
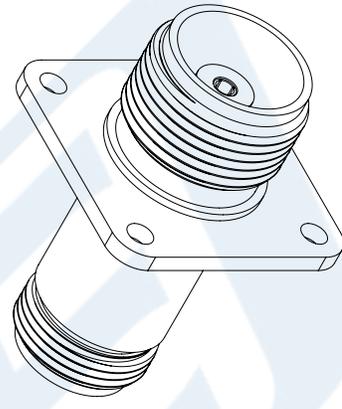
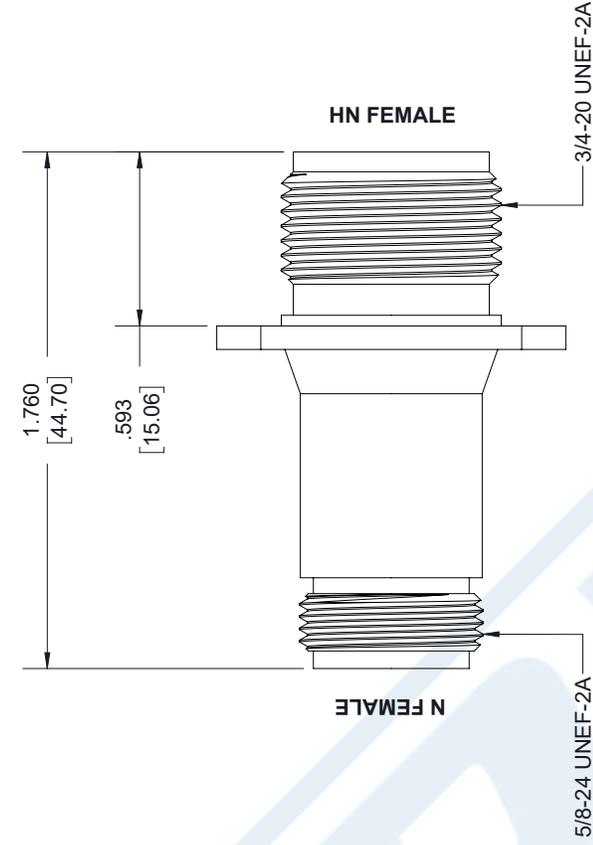
URL: <https://www.pasternack.com/n-female-hn-female-straight-adapter-pe9553-p.aspx>

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.

# PE9553 CAD Drawing

## 4 Hole Flange Mount N Female to HN Female Adapter

REV.	DESCRIPTION	DATE	APPROVED
A	PCR PE9553	1/9/2020	SELLIS



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X = ±.2	[5.08]	FRACTIONS
.XX = ±.02	[.51]	± 1/32
.XXX = ±.005	[.13]	ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305]	= +1 [25] / -0
12 [305] < L ≤ 60 [1524]	= +2 [51] / -0
60 [1524] < L ≤ 120 [3048]	= +4 [102] / -0
120 [3048] < L ≤ 300 [7620]	= +6 [152] / -0
300 [7620] < L	= +5%L / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

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Pasternack Enterprises, Inc.  
P. O. Box 16759, Irvine, CA 92623.  
Phone: 1.949.261.1920 | 1.866.727.8376  
Fax: 1.949.261.7451  
Website: www.pasternack.com  
E-mail: sales@pasternack.com

SIZE A CAGE CODE A 53919 DRAWN BY K. DANG ITEM NO. PE9553 REV A