



## HN Female to HN Female Adapter

### RF Adapters Technical Data Sheet

PE9580

#### Configuration

- HN Female Connector 1
- HN Female Connector 2
- 50 Ohms
- Straight Body Geometry

#### Features

- 200  $\mu$ m minimum contact plating
- Silver Plated Contact
- Silver Plated Contact
- 200  $\mu$ m min Silver Contact Plating

#### Applications

- General Purpose Test
- Rack Mounted Equipment
- General Purpose Test

#### Description

Pasternack's PE9580 HN Female to HN Female Adapter is part of our full line of RF components available for same-day shipping. Our HN to HN adapter has a female to female gender configuration.

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.

Electrical Specification Notes:  
Values at 25°C, sea level.

#### Mechanical Specifications

##### Size

Length	1.775 in [45.09 mm]
Width	0.77 in [19.56 mm]
Weight	0.134 lbs [60.78 g]

Description	Connector 1	Connector 2
Type	HN Female	HN Female
Polarity	Standard	Standard

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [HN Female to HN Female Adapter PE9580](#)



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#### Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	HN Female		HN Female	
Contact		Silver 200 µin minimum		Silver 200 µin minimum
Outer Conductor	Brass	Nickel 150 µin minimum	Brass	Nickel 150 µin minimum

#### Compliance Certifications (see [product page](#) for current document)

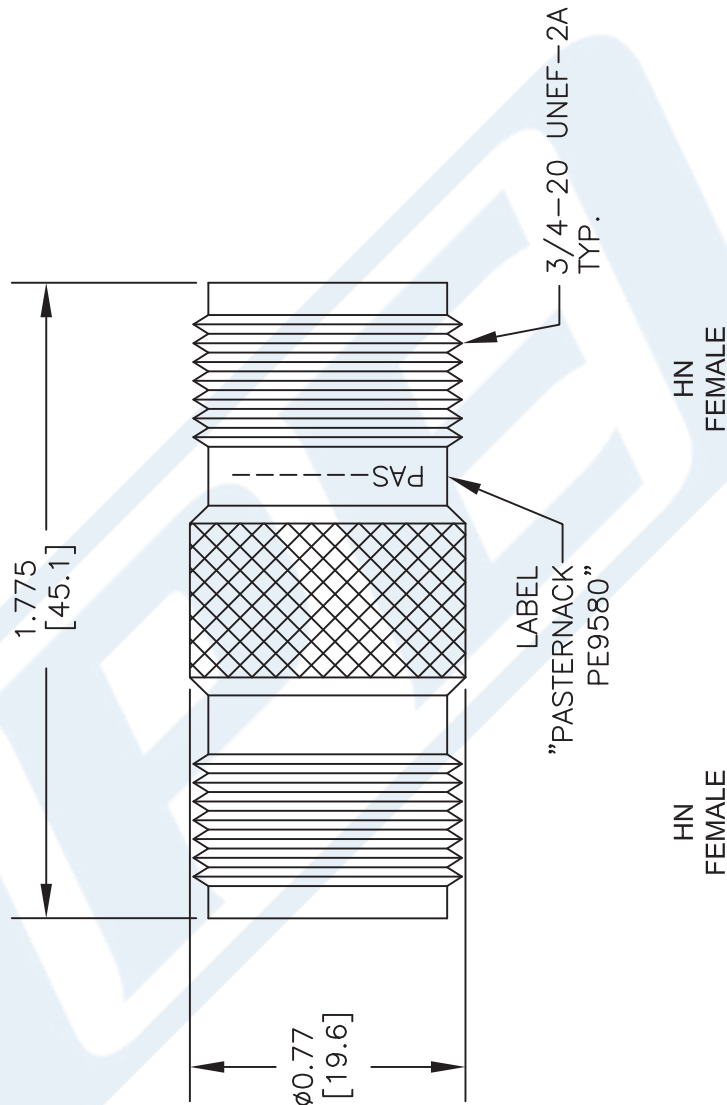
HN Female to HN Female Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [HN Female to HN Female Adapter PE9580](#)

URL: <https://www.pasternack.com/hn-female-hn-female-straight-adapter-pe9580-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.

PE9580 CAD Drawing  
HN Female to HN Female Adapter



STANDARD TOLERANCES

.X ±0.2  
.XX ±0.1  
.XXX ±0.05

\*STANDARD TOLERANCES APPLY  
ONLY TO DIMENSIONS IN INCHES

**PE PASTERNAK®**  
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DWG TITLE

**PE9580**

FSCM NO. 53919

CAD FILE 083116

SCALE N/A

SIZE A

41742

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].