

## UHF Female to UHF Female Bulkhead Adapter



### TECHNICAL DATA SHEET

**PE9114**

#### UHF Female to UHF Female Bulkhead Adapter

##### Configuration

|                |            |
|----------------|------------|
| Connector 1    | UHF Female |
| Impedance 1    | 50 Ohms    |
| Connector 2    | UHF Female |
| Impedance 2    | 50 Ohms    |
| Adapter Design | Standard   |
| Body Style     | Straight   |
| Mount Method   | Bulkhead   |

##### Electrical Specifications

|                                       |           |
|---------------------------------------|-----------|
| Frequency Range, MHz                  | DC to 300 |
| Maximum Operating Voltage, Volts      | 750       |
| Dielectric Withstanding Voltage, Vrms | 2,000     |

##### Mechanical Specifications

###### Temperature

|                        |             |
|------------------------|-------------|
| Operating Range, deg C | -65 to +165 |
|------------------------|-------------|

###### Size

|                     |               |
|---------------------|---------------|
| Length, in [mm]     | 1.99 [50.55]  |
| Width/Dia., in [mm] | 0.625 [15.88] |

##### Connector 1

|                                       |                  |
|---------------------------------------|------------------|
| Type                                  | UHF Female       |
| Inner Conductor Material and Plating  | Brass, Gold      |
| Inner Conductor Plating Specification | 30µ in. minimum  |
| Body Material and Plating             | Brass, Nickel    |
| Body Plating Specification            | 100µ in. minimum |
| Dielectric Type                       | Teflon           |

##### Connector 2

|                                       |                  |
|---------------------------------------|------------------|
| Type                                  | UHF Female       |
| Inner Conductor Material and Plating  | Brass, Gold      |
| Inner Conductor Plating Specification | 30µ in. minimum  |
| Body Material and Plating             | Brass, Nickel    |
| Body Plating Specification            | 100µ in. minimum |
| Dielectric Type                       | Teflon           |

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

|                |     |
|----------------|-----|
| RoHS Compliant | Yes |
|----------------|-----|

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [UHF Female to UHF Female Bulkhead Adapter PE9114](#)

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:

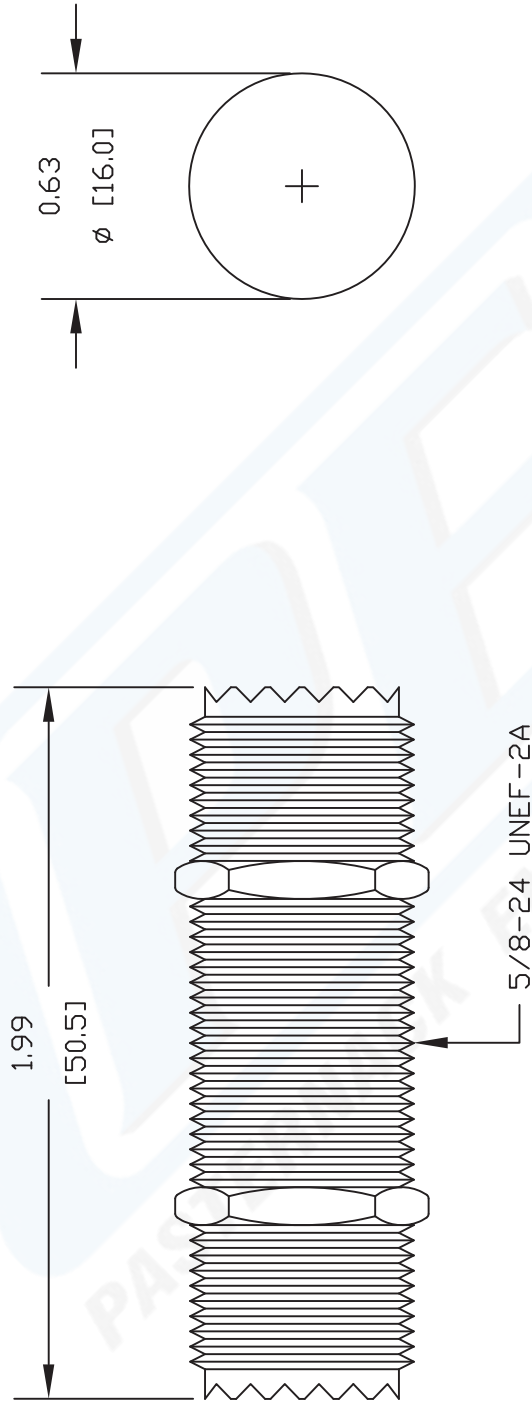
Values at 25 °C, sea level

URL: <http://www.pasternack.com/uhf-female-uhf-female-straight-adapter-pe9114-p.aspx>

UHF Female to UHF Female Bulkhead Adapter 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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PE9114 CAD Drawing  
UHF Female to UHF Female Bulkhead Adapter



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  
**PE9114**

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SIZE A

SCALE N/A

CAD FILE 082702

FSCM NO. 53919

REV. -