

Precision 3.5mm Male to 2.92mm Female Adapter



TECHNICAL DATA SHEET

PE9658

Precision 3.5mm Male to 2.92mm Female Adapter

Configuration

| | |
|----------------|---------------|
| Connector 1 | 3.5mm Male |
| Impedance 1 | 50 Ohms |
| Connector 2 | 2.92mm Female |
| Impedance 2 | 50 Ohms |
| Adapter Design | Precision |
| Body Style | Straight |

Electrical Specifications

| | |
|----------------------|----------|
| Frequency Range, GHz | DC to 34 |
| Maximum VSWR | 1.25:1 |

Mechanical Specifications

Size

| | |
|---------------------|--------------|
| Length, in [mm] | 0.74 [18.8] |
| Width/Dia., in [mm] | 0.312 [7.92] |

Connector 1

| | |
|---------------------------------------|----------------------------|
| Type | 3.5mm Male |
| Inner Conductor Material and Plating | Beryllium Copper, Gold |
| Inner Conductor Plating Specification | 50µ in. minimum |
| Coupling Nut Material and Plating | Passivated Stainless Steel |
| Coupling Nut Plating Specification | SAE-AMS-2700 |
| Hex Size, in. | 5/16 |
| Torque, in-lbs [Nm] | 8 [0.9] |
| Body Material and Plating | Passivated Stainless Steel |
| Body Plating Specification | SAE-AMS-2700 |
| Dielectric Type | PEI |

Connector 2

| | |
|---------------------------------------|----------------------------|
| Type | 2.92mm Female |
| Inner Conductor Material and Plating | Beryllium Copper, Gold |
| Inner Conductor Plating Specification | 50µ in. minimum |
| Body Material and Plating | Passivated Stainless Steel |
| Body Plating Specification | SAE-AMS-2700 |
| Dielectric Type | PEI |

Compliance Certifications (visit 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: [Precision 3.5mm Male to 2.92mm Female Adapter PE9658](#)

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

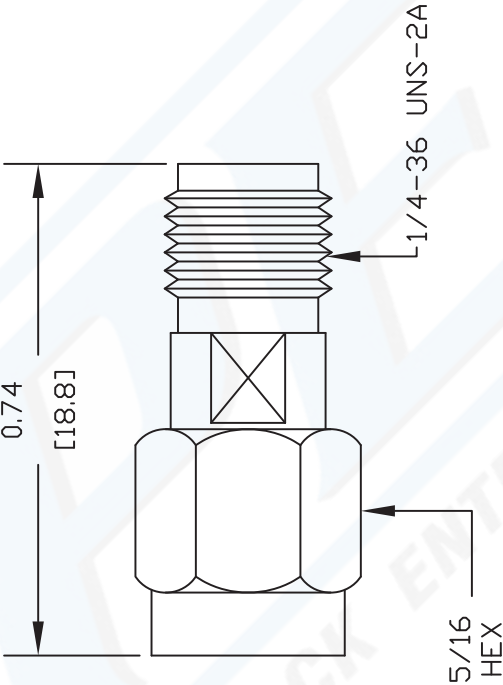
URL: <http://www.pasternack.com/3.5mm-male-2.92mm-female-straight-adapter-pe9658-p.aspx>

Precision 3.5mm Male to 2.92mm Female 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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PE9658 CAD Drawing

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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

PE9658

REV. -

FSCM NO. 53919

CAD FILE 032504

SCALE N/A

SIZE A

127

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