



Precision SMA Male to 1.85mm Female Adapter

TECHNICAL DATA SHEET

PE9728

Precision SMA Male to 1.85mm Female Adapter

Configuration

| | |
|---------------------------|---------------|
| Connector 1 | SMA Male |
| Impedance 1 | 50 Ohms |
| Connector Specification 1 | MIL-STD-348 |
| Connector 2 | 1.85mm Female |
| Impedance 2 | 50 Ohms |
| Adapter Design | Precision |
| Body Style | Straight |

Electrical Specifications

| | |
|----------------------|----------|
| Frequency Range, GHz | DC to 18 |
| Maximum VSWR | 1.3:1 |

Mechanical Specifications

Temperature

| | |
|------------------------|-------------|
| Operating Range, deg C | -65 to +125 |
|------------------------|-------------|

Size

| | |
|---------------------|---------------|
| Length, in [mm] | 0.923 [23.44] |
| Width/Dia., in [mm] | 0.312 [7.92] |

Connector 1

| | |
|--------------------------------------|----------------------------|
| Type | SMA Male |
| Inner Conductor Material and Plating | Beryllium Copper, Gold |
| Coupling Nut Material and Plating | Passivated Stainless Steel |
| Hex Size, in. | 5/16 |
| Torque, in-lbs [Nm] | 8 [0.9] |
| Body Material and Plating | Passivated Stainless Steel |

Connector 2

| | |
|--------------------------------------|----------------------------|
| Type | 1.85mm Female |
| Inner Conductor Material and Plating | Beryllium Copper, Gold |
| Body Material and Plating | Passivated Stainless Steel |

Compliance Certifications (visit www.Pasternack.com for current document)

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

Plotted and Other Data

| | |
|--------|----------------------------|
| Notes: | Values at 25 °C, sea level |
|--------|----------------------------|

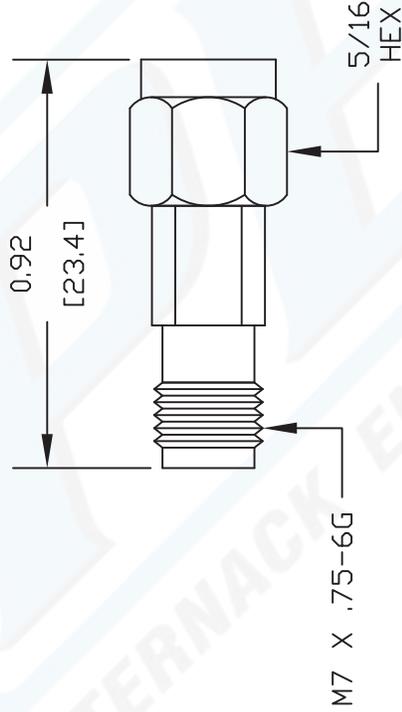
URL: <http://www.pasternack.com/sma-male-1.85mm-female-straight-adapter-pe9728-p.aspx>

Precision SMA Male to 1.85mm 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

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.

PE9728 CAD Drawing

Precision SMA Male to 1.85mm Female 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
PE9728

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| | | | | | |
|--------|----------------|-----------------|-----------|--------|-----|
| REV. - | FSCM NO. 53919 | CAD FILE 061203 | SCALE N/A | SIZE A | 127 |
|--------|----------------|-----------------|-----------|--------|-----|