



## Precision 1.85mm Female to SSMA Female Adapter

### TECHNICAL DATA SHEET

PE9765

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##### Configuration

Connector 1	1.85mm Female
Impedance 1	50 Ohms
Connector 2	SSMA Female
Impedance 2	50 Ohms
Adapter Design	Precision
Body Style	Straight

##### Electrical Specifications

Frequency Range, GHz	DC to 40
Maximum VSWR	1.25:1
Maximum Insertion Loss, dB	0.32

##### Mechanical Specifications

###### Size

Length, in [mm]	0.856 [21.74]
Width/Dia., in [mm]	0.31 [7.87]

###### Connector 1

Type	1.85mm Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204, Type II, Class 1
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	ASTM A380
Dielectric Type	PTFE

###### Connector 2

Type	SSMA Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204, Type II, Class 1
Body Material and Plating	Passivated Stainless Steel
Body Plating Specification	ASTM A380
Dielectric Type	PTFE

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

RoHS Compliant	Yes
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Precision 1.85mm Female to SSMA Female Adapter PE9765](#)

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/1.85mm-female-ssma-female-straight-adapter-pe9765-p.aspx>

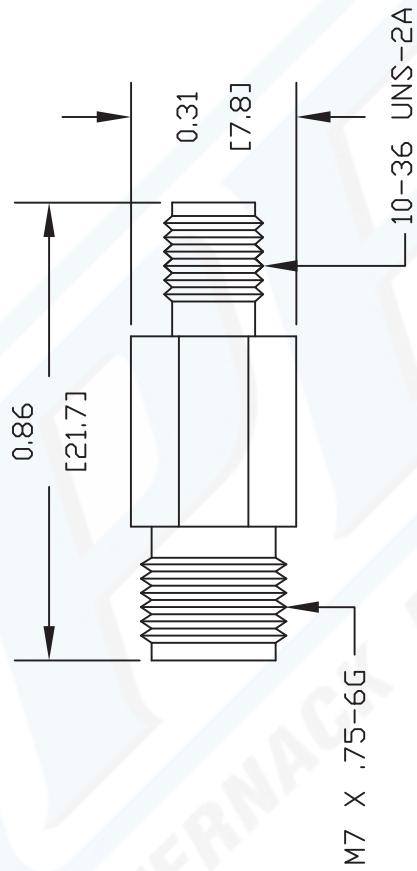
Precision 1.85mm Female to SSMA Female Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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# PE9765 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  
**PE9765**

127

SIZE A

SCALE N/A

CAD FILE 020304

FSCM NO. 53919

REV. -

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