

## SMC Plug to SMC Plug Adapter



### TECHNICAL DATA SHEET

PE9117

#### SMC Plug to SMC Plug Adapter

##### Configuration

Connector 1	SMC Plug
Impedance 1	50 Ohms
Connector Specification 1	MIL-STD-348A
Connector 2	SMC Plug
Impedance 2	50 Ohms
Connector Specification 2	MIL-STD-348A
Adapter Design	Standard
Body Style	Straight

##### Mechanical Specifications

###### Size

Length, in [mm]	0.655 [16.64]
Width/Dia., in [mm]	0.25 [6.35]

###### Connector 1

Type	SMC Plug
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	30μ in. minimum
Coupling Nut Material and Plating	Brass, Nickel
Coupling Nut Plating Specification	100μ in. minimum
Hex Size, in.	1/4
Torque, in-lbs [Nm]	5 [0.57]
Body Material and Plating	Brass, Nickel
Body Plating Specification	100μ in. minimum
Dielectric Type	Teflon

###### Connector 2

Type	SMC Plug
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	30μ in. minimum
Coupling Nut Material and Plating	Brass, Nickel
Coupling Nut Plating Specification	100μ in. minimum
Hex Size, in.	1/4
Torque, in-lbs [Nm]	5 [0.57]
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
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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: [SMC Plug to SMC Plug Adapter PE9117](#)

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:

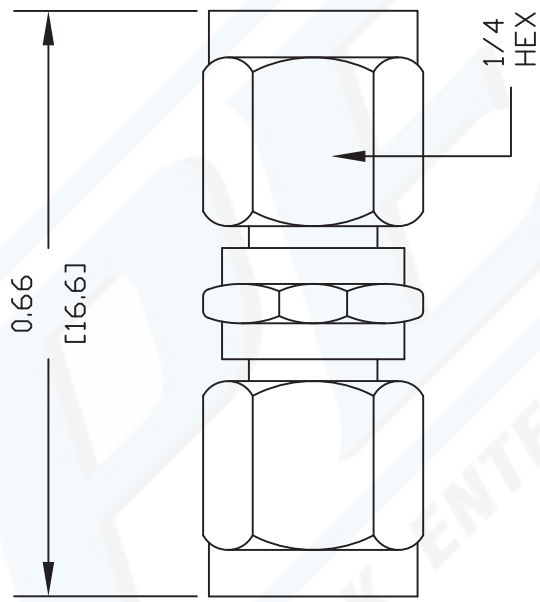
Values at 25 °C, sea level

URL: <http://www.pasternack.com/smc-plug-smc-plug-straight-adapter-pe9117-p.aspx>

SMC Plug to SMC Plug 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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PE9117 CAD Drawing  
SMC Plug to SMC Plug 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  
**PE9117**

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