



## SMC Plug to SMC Jack Right Angle Adapter

### RF Adapters Technical Data Sheet

**PE9303**

#### Configuration

- SMC Plug Connector 1
- SMC Jack Connector 2
- 50 Ohms
- Right Angle Body Geometry

#### Features

- SMC Interface compliant with MIL-STD-348
- Gold Plated Contact
- Contact Plating per MIL-G-45204

#### Applications

- General Purpose Test

#### Description

Pasternack's PE9303 SMC plug to SMC jack right angle adapter is part of our full line of RF components available for same-day shipping. Our SMC to SMC adapter has a plug to jack gender configuration. This low profile right angle SMC adapter allows for easier connections in tight spaces.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Pasternack also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

#### Mechanical Specifications

##### Size

|        |                    |
|--------|--------------------|
| Length | 0.56 in [14.22 mm] |
| Width  | 0.25 in [6.35 mm]  |
| Height | 0.54 in [13.72 mm] |
| Weight | 0.006 lbs [2.72 g] |

| Description             | Connector 1                     | Connector 2 |
|-------------------------|---------------------------------|-------------|
| Type                    | SMC Plug                        | SMC Jack    |
| Polarity                | Standard                        | Standard    |
| Interface Specification | MIL-STD-348                     | MIL-STD-348 |
| Hex Size                | 1/4 in.                         |             |
| Mating Torque           | 3 to 5 in-lbs [0.34 to 0.57 Nm] |             |

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 Jack Right Angle Adapter PE9303](#)



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#### Material Specifications

| Description     | Connector 1 |                     | Connector 2 |                     |
|-----------------|-------------|---------------------|-------------|---------------------|
|                 | Material    | Plating             | Material    | Plating             |
| Type            | SMC Plug    |                     | SMC Jack    |                     |
| Contact         |             | Gold<br>MIL-G-45204 |             | Gold<br>MIL-G-45204 |
| Insulation      | PTFE        |                     | PTFE        |                     |
| Outer Conductor |             |                     | Brass       | Nickel<br>QQ-N-290  |
| Body            | Brass       | Nickel<br>QQ-N-290  |             |                     |
| Coupling Nut    | Brass       | Nickel<br>QQ-N-290  |             |                     |

#### Environmental Specifications

##### Temperature

Operating Range -65 to +165 deg C

#### Compliance Certifications (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

SMC Plug to SMC Jack Right Angle Adapter from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

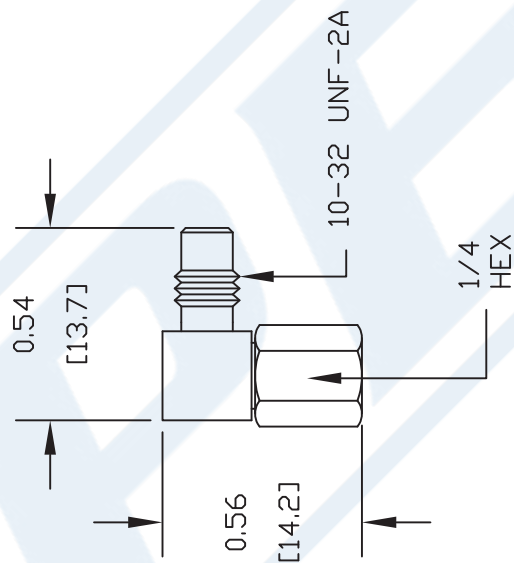
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URL: <https://www.pasternack.com/smc-plug-smc-jack-right-angle-adapter-pe9303-p.aspx>

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. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE9303 CAD Drawing

SMC Plug to SMC Jack Right Angle Adapter



DWG TITLE

PE9303

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].

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COAXIAL & FIBER OPTICS



ESTABLISHED 1972

FSCM NO. 53919

REV. -

CAD FILE 090402

SCALE N/A

SIZE A

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