



## SC Male to SC Male Adapter

### RF Adapters Technical Data Sheet

PE9403

#### Configuration

- SC Male Connector 1
- SC Male Connector 2
- 50 Ohms
- Straight Body Geometry

#### Features

- SC Interface compliant with MIL-STD-348
- Silver Plated Brass Contact
- Contact Plating per QQ-S-365

#### Applications

- General Purpose Test

#### Description

Pasternack's PE9403 SC male to SC male adapter is part of our full line of RF components available for same-day shipping. Our SC to SC adapter has a male to male gender configuration.

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 | 1.7 in [43.18 mm]   |
| Width  | 0.78 in [19.81 mm]  |
| Weight | 0.137 lbs [62.14 g] |

| Description             | Connector 1 | Connector 2 |
|-------------------------|-------------|-------------|
| Type                    | SC Male     | SC Male     |
| Polarity                | Standard    | Standard    |
| Interface Specification | MIL-STD-348 | MIL-STD-348 |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SC Male to SC Male Adapter PE9403](#)



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**Material Specifications**

| Description  | Connector 1 |                    | Connector 2 |                    |
|--------------|-------------|--------------------|-------------|--------------------|
|              | Material    | Plating            | Material    | Plating            |
| Type         | SC Male     |                    | SC Male     |                    |
| Contact      | Brass       | Silver<br>QQ-S-365 | Brass       | Silver<br>QQ-S-365 |
| Insulation   | PTFE        |                    | PTFE        |                    |
| Body         | Brass       | Nickel<br>QQ-N-290 | Brass       | Nickel<br>QQ-N-290 |
| Coupling Nut | Brass       | Nickel<br>QQ-N-290 | 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:

SC Male to SC Male 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.

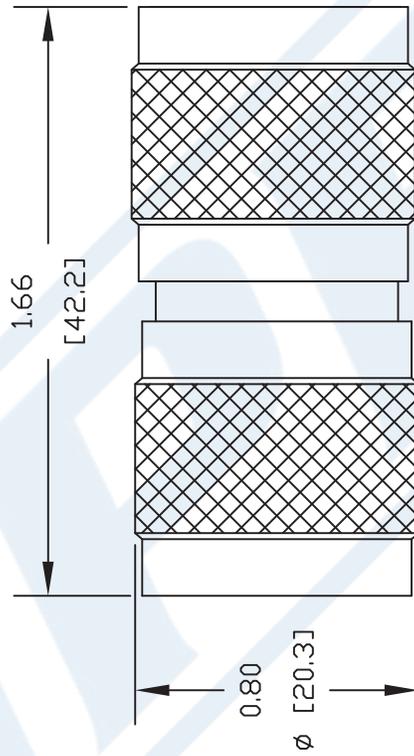
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SC Male to SC Male Adapter PE9403](#)

URL: <https://www.pasternack.com/sc-male-sc-male-straight-adapter-pe9403-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.

# PE9403 CAD Drawing

## SC Male to SC Male 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

**PE9403**

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**COAXIAL & FIBER OPTICS**



REV. -

FSCM NO. 53919

CAD FILE 091902

SCALE N/A

SIZE A

127