



## SMA Male to Mini SMP Male Smooth Bore Adapter

### TECHNICAL DATA SHEET

PE91303

#### Configuration

|                |                           |
|----------------|---------------------------|
| Connector 1    | SMA Male                  |
| Impedance 1    | 50 Ohms                   |
| Connector 2    | Smooth Bore Mini SMP Male |
| Impedance 2    | 50 Ohms                   |
| Adapter Design | Standard                  |
| Body Style     | Straight                  |

#### Electrical Specifications

|                 |              |
|-----------------|--------------|
| Frequency Range | DC to 18 GHz |
| Maximum VSWR    | 1.2:1        |

#### Mechanical Specifications

##### Size

|                     |                |
|---------------------|----------------|
| Length, in [mm]     | 0.831 [21.11]  |
| Width/Dia., in [mm] | 0.279528 [7.1] |

##### Connector 1

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

##### Connector 2

|                                      |                            |
|--------------------------------------|----------------------------|
| Type                                 | Smooth Bore Mini SMP Male  |
| Inner Conductor Material and Plating | Beryllium Copper, Gold     |
| Body Material and Plating            | Passivated Stainless Steel |
| Dielectric Type                      | PTFE                       |

#### Environmental Specifications

##### Temperature

|                 |                   |
|-----------------|-------------------|
| Operating Range | -45 to +120 deg C |
|-----------------|-------------------|

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

|                 |            |
|-----------------|------------|
| RoHS Compliant  |            |
| REACH Compliant | 06/06/2014 |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to Mini SMP Male Smooth Bore Adapter PE91303](#)



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#### Plotted and Other Data

Notes:

- Values at +25 °C, sea level

SMA Male to Mini SMP Male Smooth Bore 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.

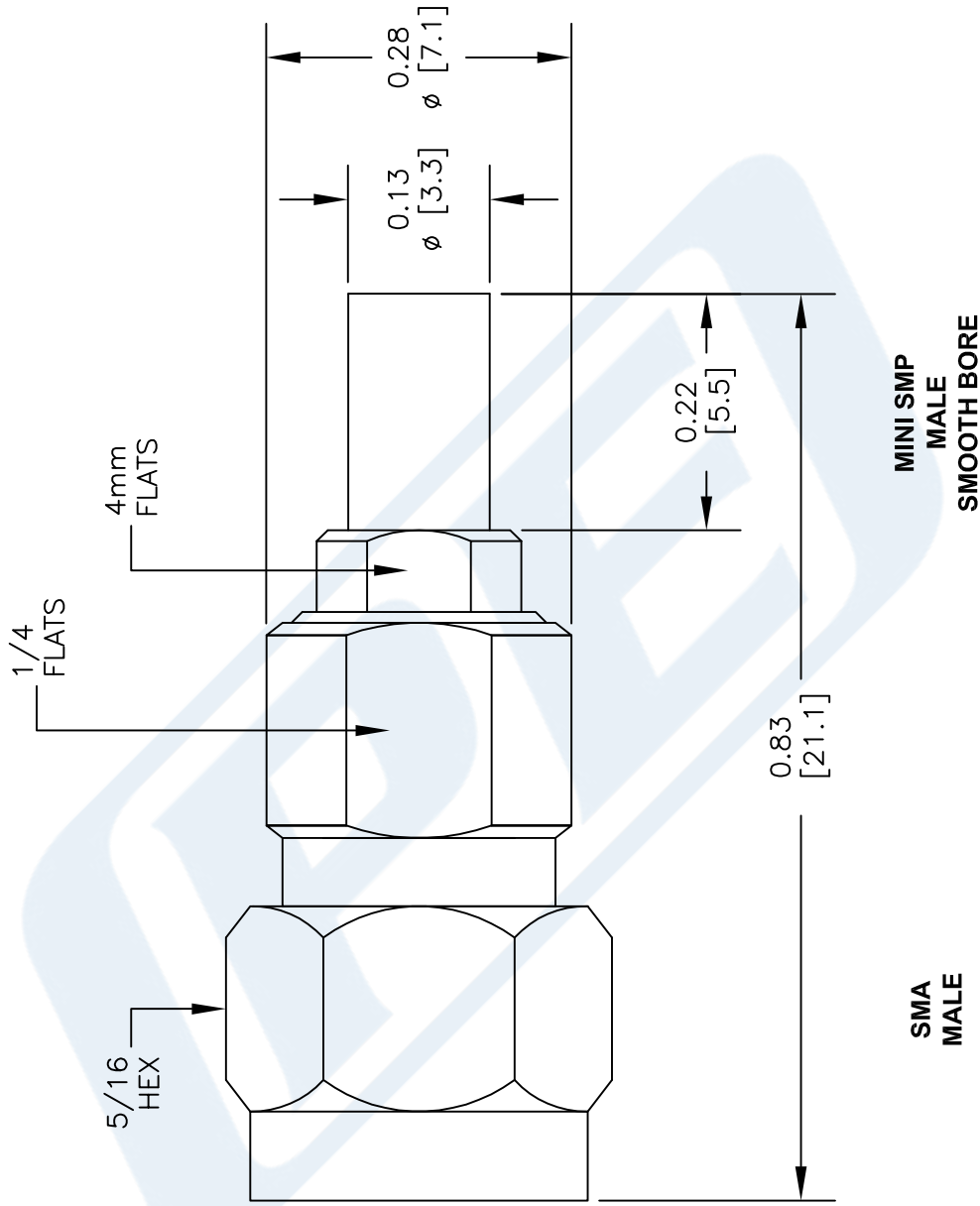
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to Mini SMP Male Smooth Bore Adapter PE91303](#)

URL: <http://www.pasternack.com/sma-male-mini-smp-male-straight-adapter-pe91303-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.

PE91303 CAD Drawing

SMA Male to Mini SMP Male Smooth Bore Adapter



DWG TITLE

PE91303

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].

FSCM NO. 53919

CAD FILE 100614

SCALE N/A

SIZE A

150



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