



50 Ohm SMA Female 3 Port Field Type Includes Open,  
 Short, Load Operating From DC to 26.5 GHz

TECHNICAL DATA SHEET

PE5510

**50 Ohm SMA Female 3 Port Field Type Includes Open, Short, Load Operating From DC to 26.5 GHz**

**Configuration**

Connector	SMA Female
Calibration Kit Component	3 Port Field Type
Body Style	Tee

**Electrical Specifications**

Frequency Range, GHz	DC to 26.5
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**Open**

Frequency 1, GHz	DC to 4
Return Loss, dB	≤ 0.15
Frequency 2, GHz	4 to 26.5
Return Loss, dB	≤ 0.3

**Short**

Frequency 1, GHz	DC to 4
Return Loss, dB	≤ 0.1
Frequency 2, GHz	4 to 26.5
Return Loss, dB	≤ 0.2

**Load**

Frequency 1, GHz	DC to 4
Return Loss, dB	≤ 40
Frequency 2, GHz	4 to 26.5
Return Loss, dB	≤ 30

**Mechanical Specifications**

**Temperature**

Operating Range, deg C	-40 to +70
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**Size**

Length, in [mm]	2.48 [62.99]
Width, in [mm]	0.394 [10.01]
Height, in [mm]	0.815 [20.7]

**Connector**

Type	SMA Female
Contact Material and Plating	Gold
Body Material and Plating	Brass, Tri-Metal
Dielectric Type	PS/PEEK

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm SMA Female 3 Port Field Type Includes Open, Short, Load Operating From DC to 26.5 GHz PE5510](#)

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

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

50 Ohm SMA Female 3 Port Field Type Includes Open, Short, Load Operating From DC to 26.5 GHz 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.

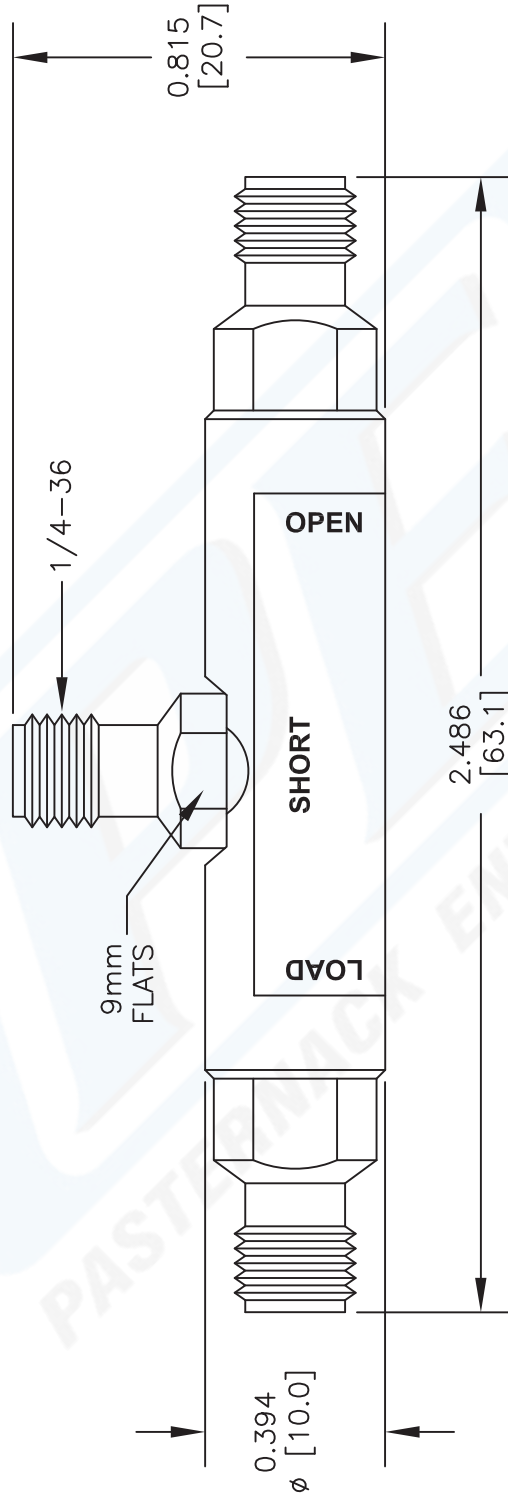
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm SMA Female 3 Port Field Type Includes Open, Short, Load Operating From DC to 26.5 GHz PE5510](http://www.pasternack.com/field-calibration-tool-35mm-female-dc-265-ghz-pe5510-p.aspx)

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# PE5510 CAD Drawing

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DWG TITLE

**PE5510**

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 100208-A

SCALE N/A

SIZE A

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**PASTERNAK**<sup>®</sup>  
 Pasternack Enterprises, Inc.  
 P.O. Box 16759 | Irvine | CA | 92623  
**Phone:** (949) 261-1920 | **Fax:** (949) 261-7451  
**Website:** www.pasternack.com | **E-Mail:** sales@pasternack.com