



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 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.

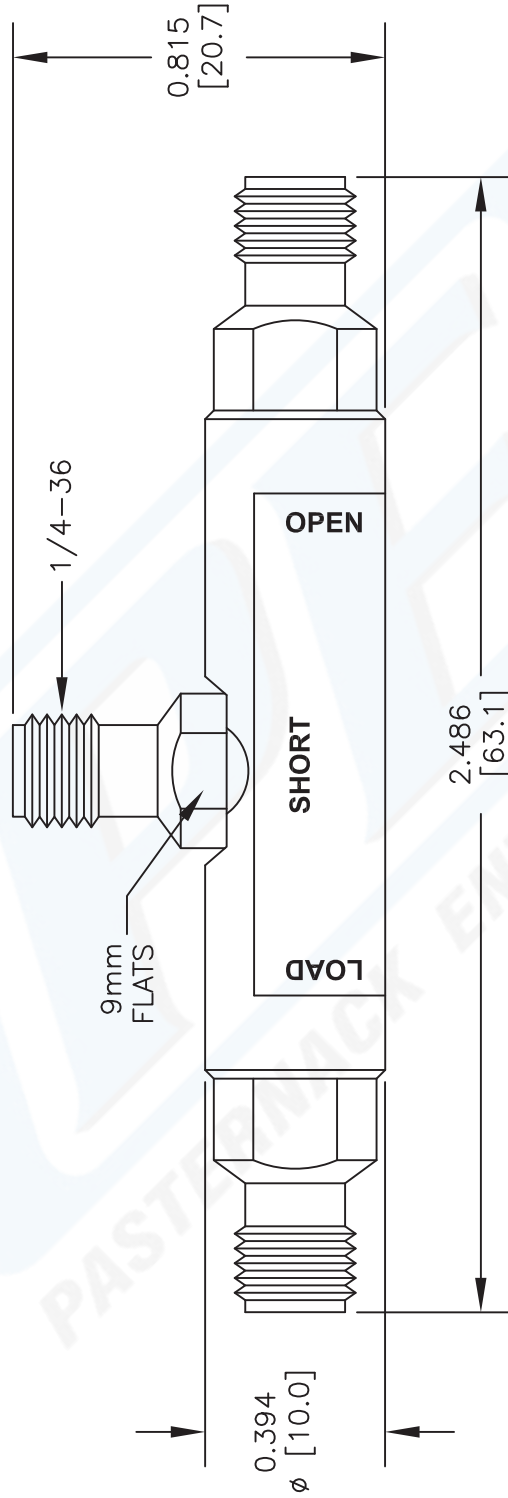
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm SMA Female 3 Port Field Type Includes Open, Short, Load Operating From DC to 26.5 GHz PE5510](http://www.pasternack.com/field-calibration-tool-35mm-female-dc-265-ghz-pe5510-p.aspx)

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PE5510 CAD Drawing

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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
PE5510

FSCM NO. 53919

CAD FILE 100208-A

SCALE N/A

SIZE A

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PE PASTERNAK[®]
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