



DC Block on Outer Conductor 50 Ohm SMA Male to  
SMA Female Operating From 10 MHz to 18 GHz

TECHNICAL DATA SHEET

PE8211

DC Block on Outer Conductor 50 Ohm SMA Male to SMA Female Operating From 10 MHz to 18 GHz

**Configuration**

Design	Outer DC Block
Body Style	Straight
Impedance	50 Ohms
Connector 1	SMA Male
Connector Specification 1	MIL-C-39012
Connector 2	SMA Female
Connector Specification 2	MIL-C-39012

**Electrical Specifications**

Frequency Range, GHz	0.01 to 18
Impedance, Ohms	50
Maximum VSWR	1.35:1
Maximum Insertion Loss, dB	0.5
Maximum Operating Voltage, Vrms	200

**Mechanical Specifications**

**Size**

Length, in [mm]	1.2 [30.48]
Width/Dia., in [mm]	0.5 [12.7]

**Connector 1**

Type	SMA Male
Hex Size, Inch	5/16

**Connector 2**

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

RoHS Compliant	Yes
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [DC Block on Outer Conductor 50 Ohm SMA Male to SMA Female Operating From 10 MHz to 18 GHz PE8211](#)

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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**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

DC Block on Outer Conductor 50 Ohm SMA Male to SMA Female Operating From 10 MHz to 18 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.

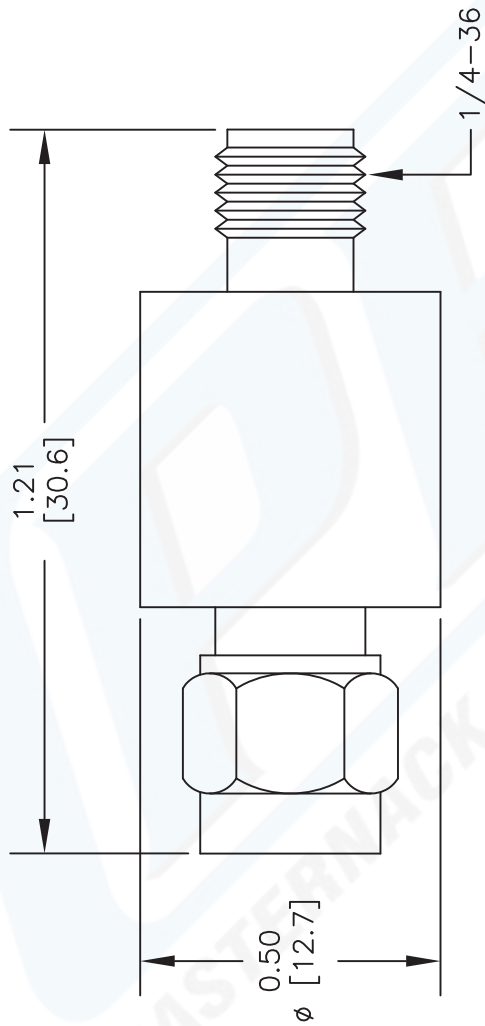
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [DC Block on Outer Conductor 50 Ohm SMA Male to SMA Female Operating From 10 MHz to 18 GHz PE8211](http://www.pasternack.com/50-ohm-sma-outer-dc-block-0.1-18-ghz-pe8211-p.aspx)

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# PE8211 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

**PE8211**

FSCM NO. 53919



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