



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

TECHNICAL DATA SHEET

PE8210

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

Configuration

Design	Inner DC Block
Body Style	Straight
Impedance	50 Ohms
Connector 1	SMA Male
Connector Specification 1	MIL-STD-348
Connector 2	SMA Female
Connector Specification 2	MIL-STD-348

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

Temperature

Operating Range, deg C	-65 to +125
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Size

Length, in [mm]	1.2 [30.48]
Width/Dia., in [mm]	0.36 [9.14]
Weight, lbs [g]	0.019 [8.62]
Body Material and Plating	Passivated Stainless Steel

Connector 1

Type	SMA Male
Dielectric Type	PTFE
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

Connector 2

Type	SMA Female
Dielectric Type	PTFE
Inner Conductor Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Passivated Stainless Steel

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 Inner Conductor 50 Ohm SMA Male to SMA Female Operating From 10 MHz to 18 GHz PE8210](#)

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)

RoHS Compliant

Yes

Plotted and Other Data

Notes:

Values at 25 °C, sea level

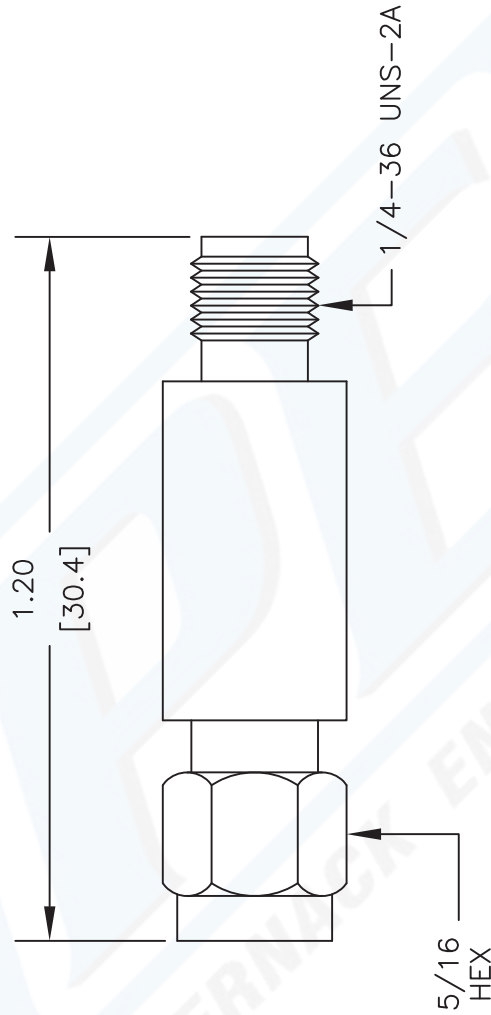
URL: <http://www.pasternack.com/50-ohm-sma-inner-dc-block-0.1-18-ghz-pe8210-p.aspx>

DC Block on Inner 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.

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PE8210 CAD Drawing

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DWG TITLE

PE8210

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].

REV. -

FSCM NO. 53919

CAD FILE 080802

SCALE N/A

SIZE A

127



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