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50 Ohm N High Voltage DC Block Operating From 10 MHz to 18 GHz

TECHNICAL DATA SHEET PE8251

50 Ohm N High Voltage DC Block Operating From 10 MHz to 18 GHz

Configuration

Design	Inner DC Block
Impedance	50 Ohms
Connector 1	N Male
Connector Specification 1	MIL-STD-348
Connector 2	N Female
Connector Specification 2	MIL-STD-348

Electrical Specifications

Frequency Range, GHz	0.01 to 18
Impedance, Ohms	50
Maximum VSWR	1.6:1
Maximum Operating Voltage, Vrms	950

Frequency 1

Frequency, GHz	0.01 to 4
Insertion Loss, dB	1

Frequency 2

Frequency, GHz	4 to 18
Insertion Loss, dB	1.5

Mechanical Specifications

Temperature

Operating Range,deg C	-65 to +100

Size

Length, in [mm]	1.78 [45.21]
Width/Dia., in [mm]	0.83 [21.08]

Connector 1

Type	N Male

Connector 2

Type	N Female

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 50 Ohm N High Voltage DC Block Operating From 10 MHz to 18 GHz PE8251

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 Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Plotted and Other Data

Notes: Values at 25 °C, sea level

50 Ohm N High Voltage DC Block 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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URL: http://www.pasternack.com/50-ohm-dc-block-n-male-to-n-female-18-ghz-pe8251-p.aspx

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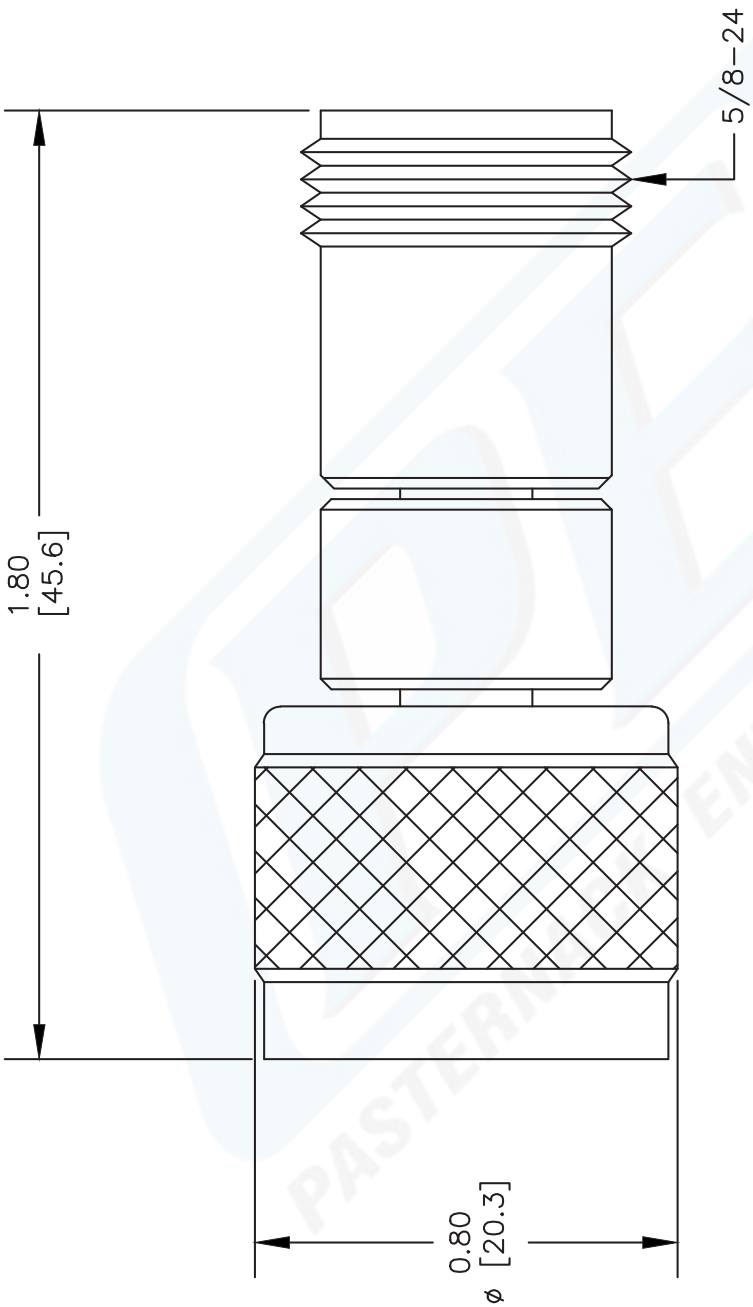
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PE8251 CAD Drawing

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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 **PE8251**

REV. A | FSCM NO. 53919 | CAD FILE 012611-A | SCALE N/A | SIZE A | XXXX

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