



75 Ohm BNC Inner DC Block Operating From 100 MHz to 4 GHz

TECHNICAL DATA SHEET

PE8231

75 Ohm BNC Inner DC Block Operating From 100 MHz to 4 GHz

Configuration

Design	Inner DC Block
Body Style	Straight
Impedance	75 Ohms
Connector 1	BNC Male
Connector 2	BNC Female

Electrical Specifications

Frequency Range, GHz	0.1 to 4
Impedance, Ohms	75
Maximum VSWR	1.35:1
Maximum Insertion Loss, dB	0.5
Maximum Operating Voltage, Vrms	200

Mechanical Specifications

Size

Length, in [mm]	1.6 [40.64]
Width/Dia., in [mm]	0.57 [14.48]
Body Material and Plating	Brass, Nickel

Connector 1

Type	BNC Male
Dielectric Type	PTFE
Inner Conductor Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Brass, Nickel

Connector 2

Type	BNC Female
Dielectric Type	PTFE
Inner Conductor Material and Plating	Beryllium Copper, Gold
Body Material and Plating	Brass, Nickel

Compliance Certifications (visit 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: [75 Ohm BNC Inner DC Block Operating From 100 MHz to 4 GHz PE8231](#)

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

75 Ohm BNC Inner DC Block Operating From 100 MHz to 4 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.

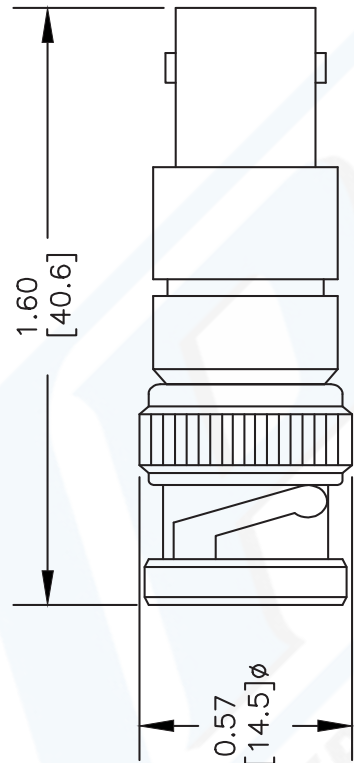
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm BNC Inner DC Block Operating From 100 MHz to 4 GHz PE8231](http://www.pasternack.com/75-ohm-bnc-inner-dc-block-0.1-4-ghz-pe8231-p.aspx)

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PE8231 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].
4. FITS MIL-C-17 AND EQUIVALENT CABLES.

DWG TITLE
PE8231

FSCM NO. 53919

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CAD FILE 080802

SCALE N/A

SIZE A

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