



DC Block on Inner Conductor 50 Ohm BNC Male to
BNC Female Operating From 10 MHz to 4 GHz

TECHNICAL DATA SHEET

PE8216

DC Block on Inner Conductor 50 Ohm BNC Male to BNC Female Operating From 10 MHz to 4 GHz

Configuration

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

Electrical Specifications

Frequency Range, GHz	0.01 to 4
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]	1.6 [40.64]
Width/Dia., in [mm]	0.57 [14.48]

Connector 1

Type	BNC Male
Inner Conductor Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Brass, Nickel
Coupling Nut Material and Plating	Brass, Nickel

Connector 2

Type	BNC Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Brass, Nickel
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: [DC Block on Inner Conductor 50 Ohm BNC Male to BNC Female Operating From 10 MHz to 4 GHz PE8216](#)

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 Inner Conductor 50 Ohm BNC Male to BNC Female Operating From 10 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.

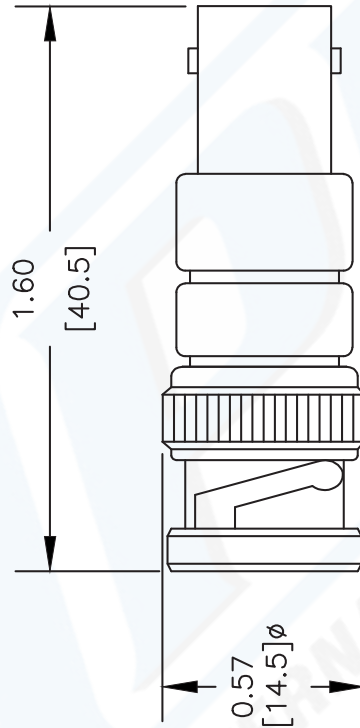
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [DC Block on Inner Conductor 50 Ohm BNC Male to BNC Female Operating From 10 MHz to 4 GHz PE8216](http://www.pasternack.com/50-ohm-bnc-inner-dc-block-0.1-4-ghz-pe8216-p.aspx)

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PE8216 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

PE8216

FSCM NO. 53919

127

SIZE A

SCALE N/A

CAD FILE 082202



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