



DC Block on Inner Conductor 50 Ohm 2.92mm Male to 2.92mm Female Operating From 10 MHz to 26.5 GHz

## TECHNICAL DATA SHEET

PE8222

**DC Block on Inner Conductor 50 Ohm 2.92mm Male to 2.92mm Female Operating From 10 MHz to 26.5 GHz**

### Configuration

Design	Inner DC Block
Body Style	Straight
Impedance	50 Ohms
Connector 1	2.92mm Male
Connector 2	2.92mm Female

### Electrical Specifications

Frequency Range, GHz	0.01 to 26.5
Impedance, Ohms	50
Maximum VSWR	1.5:1
Maximum Insertion Loss, dB	0.5
Maximum Operating Voltage, Vrms	200

### Mechanical Specifications

#### Size

Length, in [mm]	0.855 [21.72]
Width/Dia., in [mm]	0.312 [7.92]

#### Connector 1

Type	2.92mm Male
Inner Conductor Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Passivated Stainless Steel
Coupling Nut Material and Plating	Passivated Stainless Steel
Hex Size, Inch	5/16
Body Material and Plating	Passivated Stainless Steel

#### Connector 2

Type	2.92mm Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Outer Conductor Material and Plating	Passivated Stainless Steel
Body Material and Plating	Passivated Stainless Steel

### 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 Inner Conductor 50 Ohm 2.92mm Male to 2.92mm Female Operating From 10 MHz to 26.5 GHz PE8222](#)

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 2.92mm Male to 2.92mm Female Operating From 10 MHz to 26.5 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.

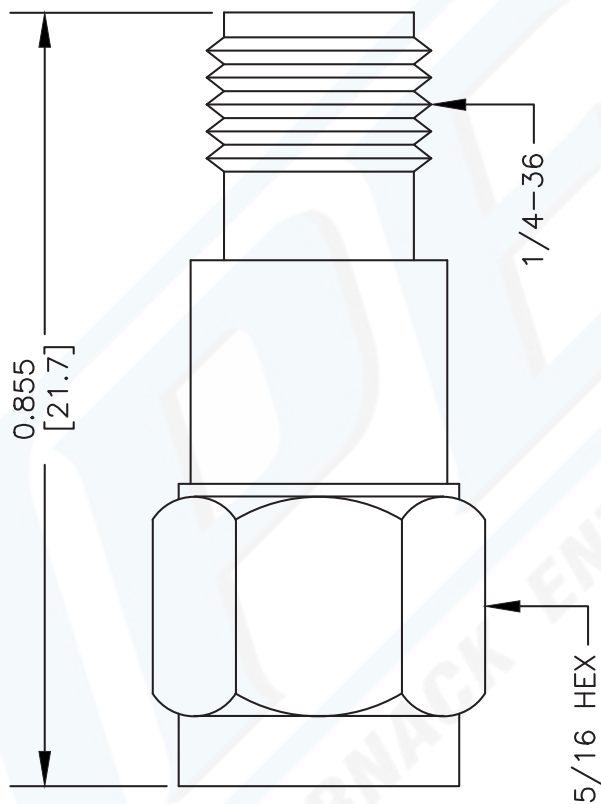
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [DC Block on Inner Conductor 50 Ohm 2.92mm Male to 2.92mm Female Operating From 10 MHz to 26.5 GHz PE8222](http://www.pasternack.com/50-ohm-2.92mm-inner-dc-block-0.1-26.5-ghz-pe8222-p.aspx)

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PE8222 CAD Drawing

DC Block on Inner Conductor 50 Ohm 2.92mm Male to 2.92mm  
Female Operating From 10 MHz to 26.5 GHz



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		FSCM NO. 53919		CAD FILE 08807		SCALE N/A	SIZE A	XXXX
PE8222								

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