



50 ohm 2.4mm plug to 2.4mm jack DC Block inner, 10MHz to 50GHz VSWR1.3, rated 50 Volt in Stainless Steel

DC Blocks Technical Data Sheet

PE8268

Features

- Inner DC Blocks with Stainless Steel Body
- 2.4mm connectorized configuration
- Operates from 10 MHz to 50 GHz
- 50 Ohm Impedance

Applications

- Test & Measurement
- Ground Loop Elimination
- Signal to Noise Ratio (SNR) Improvement

Description

Pasternack's PE8268 is an inner DC block with 2.4mm connectors. It has a blocking capacitor on the inner conductor and operates from 10 MHz to 50 GHz. Our 2.4mm DC block offers good insertion loss of 1.3 dB and has a maximum operating voltage of 50 Vdc. DC blocks are commonly used to filter out unwanted DC signals, while allowing AC drive signals to pass through. They can help improve signal to noise ratio (SNR), eliminate ground loops, or provide isolation in your test setup. All of Pasternack's DC blocks are in stock and available to ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	0.01		50	GHz
Impedance		50		Ohms
VSWR			1.3:1	
Insertion Loss			1.3	dB
Operating Voltage (DC)			50	Volts

Mechanical Specifications

Size

Length	0.85 in [21.59 mm]
Width	0.315 in [8 mm]
Height	0.315 in [8 mm]
Weight	0.05 lbs [22.68 g]
Housing Material and Plating	Stainless Steel

Configuration

Package Type Connectorized

Description	Connector 1	Connector 2
Type	2.4mm Male	2.4mm Female
Inner Conductor Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 ohm 2.4mm plug to 2.4mm jack DC Block inner, 10MHz to 50GHz VSWR1.3, rated 50 Volt in Stainless Steel PE8268](#)



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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

50 ohm 2.4mm plug to 2.4mm jack DC Block inner, 10MHz to 50GHz VSWR1.3, rated 50 Volt in Stainless Steel from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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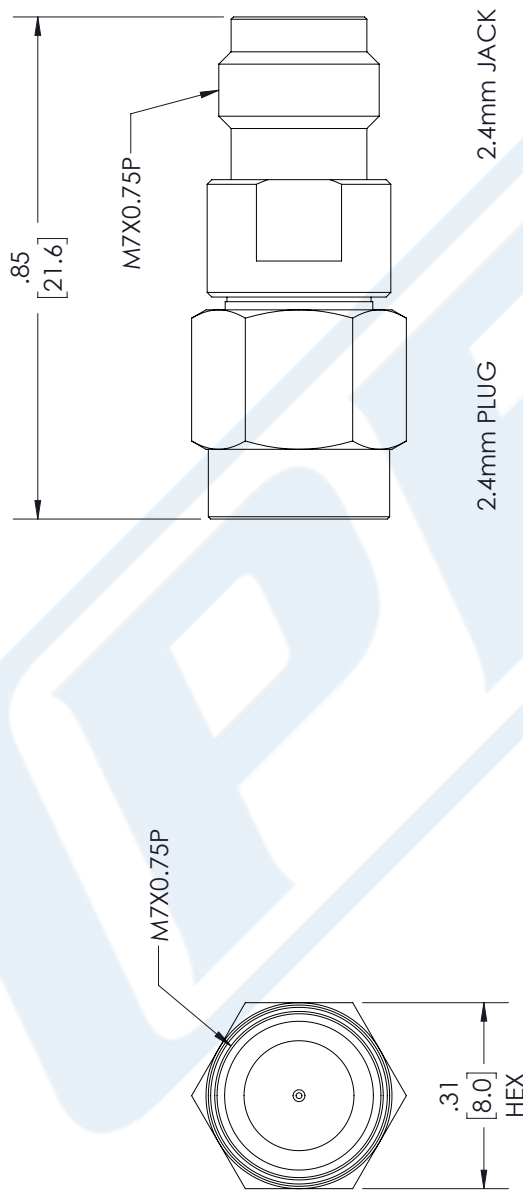
URL: <https://www.pasternack.com/50-ohm-2.4mm-dc-block-10-mhz-50-ghz-pe8268-p.aspx>

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 does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE8268 CAD Drawing

50 ohm 2.4mm plug to 2.4mm jack DC Block inner, 10MHz to 50GHz VSWR1.3, rated 50 Volt in Stainless Steel

REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	1/25/22
		APPROVED
		JNAJERA



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