

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

Fairview Microwave SD8268 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 Fairview Microwave DC blocks are in stock and available to ship same-day.

Electrical Specifications

Description	Min	Typ	Max	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	0.1 lbs [45.36 g]
Housing Material and Plating	Stainless Steel

Configuration

Package Type	Connectorized
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Description	Connector 1	Connector 2
Type	2.4mm Male	2.4mm Female
Inner Cond Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold

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

Plotted and Other Data

Notes:


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

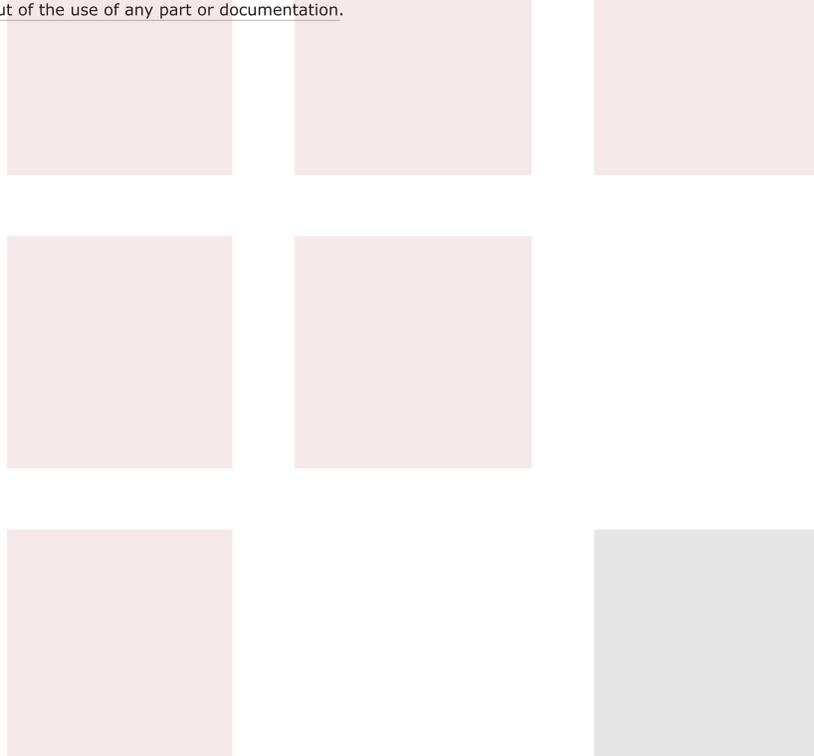
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50 ohm 2.4mm plug to 2.4mm jack DC Block inner, 10MHz to 50GHz VSWR1.3, rated 50 Volt in Stainless Steel from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

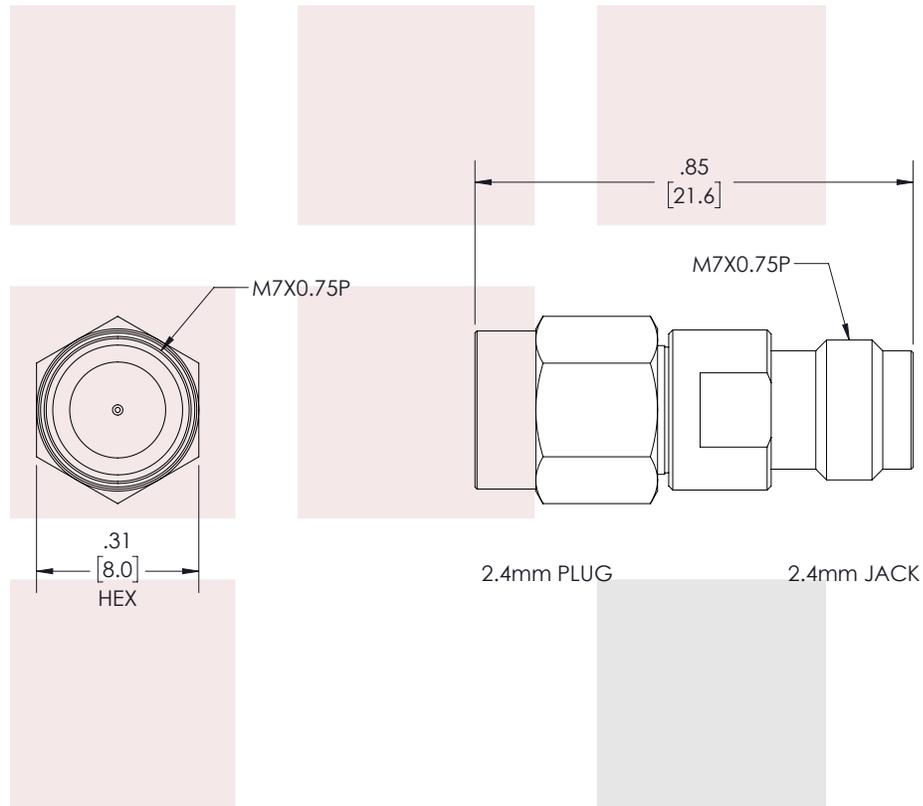
Click the following link to obtain additional part information: [50 ohm 2.4mm plug to 2.4mm jack DC Block inner, 10MHz to 50GHz VSWR1.3, rated 50 Volt in Stainless Steel SD8268](https://www.fairviewmicrowave.com/dc-block-10-mhz-50-ghz-2.4mm-connectors-sd8268-p.aspx)

URL: <https://www.fairviewmicrowave.com/dc-block-10-mhz-50-ghz-2.4mm-connectors-sd8268-p.aspx>

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



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TITLE

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

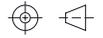
TOLERANCES:

.X = ±.2 [5.08] FRACTIONS ± 1/32
.XX = ±.02 [.51] ANGLES ± 1°
.XXX = ±.005 [.13]

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE

N/A

SIZE A	CAGE CODE 3FKR5	DRAWN BY HBAKKE	ITEM NO. SD8268	REV A
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T-Rev.D