

**Inner DC Block From 10 MHz to 18 GHz With N Connectors**

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	0.01		18	GHz
Impedance		50		Ohms
VSWR			1.35:1	
Insertion Loss			0.6	dB
Operating Voltage (DC)			200	Volts



**Mechanical Specifications**

**Size**

Length	1.76 in [44.7 mm]
Width	0.62 in [15.75 mm]
Weight	0.1325 lbs [60.1 g]
Housing Material and Plating	Passivated Stainless Steel

**Configuration**

Design	Inner DC Block
Package Type	Connectorized

Description	Connector 1	Connector 2
Type	N Male	N Female
Connector Specification	MIL-STD-348	MIL-STD-348
Inner Cond Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Dielectric Type	PTFE	PTFE
Coupling Nut Material & Plating	Passivated Stainless Steel	
Body Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel

**Environmental Specifications**

**Temperature**

Operating Range	-65 to +125 deg C
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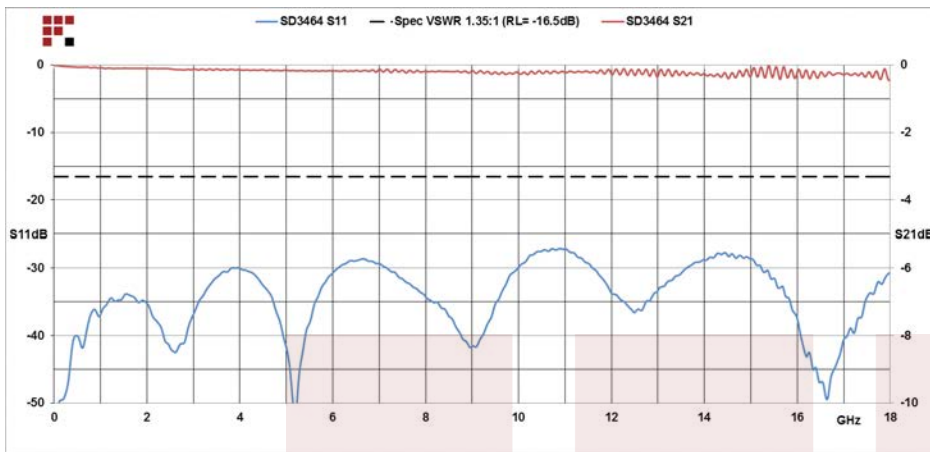
**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

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 Allen, TX 75013  
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**Typical Performance Data**

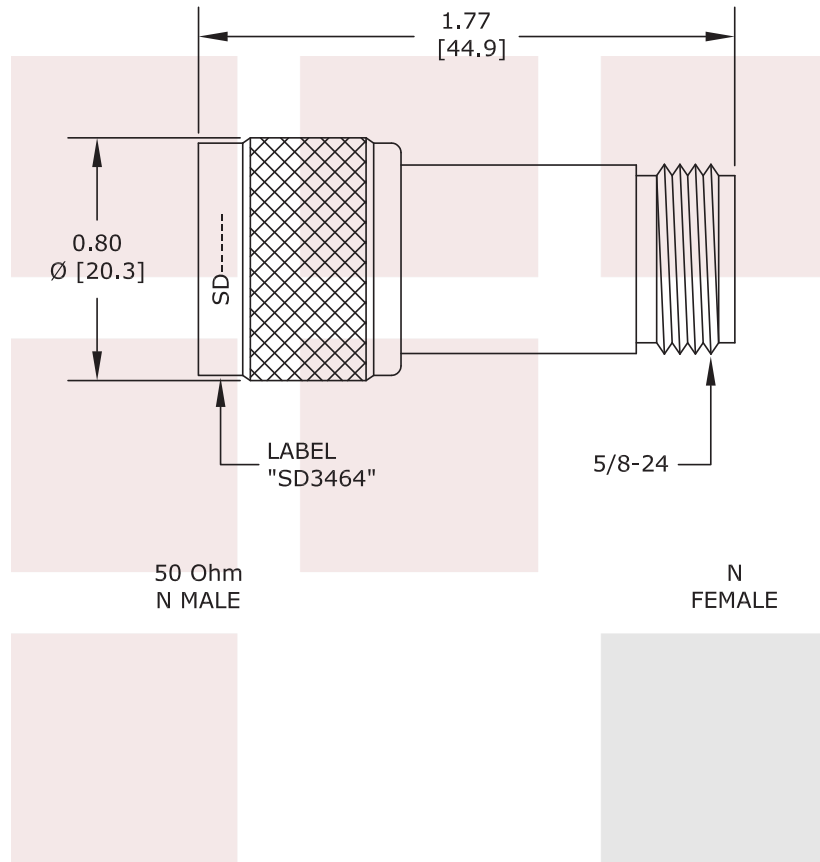


Inner DC Block From 10 MHz to 18 GHz With N Connectors from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [Inner DC Block From 10 MHz to 18 GHz With N Connectors SD3464](#)

URL: <https://www.fairviewmicrowave.com/inner-dc-block-10-mhz-18-ghz-n-connectors-sd3464-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. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.1
.XXX	±0.05

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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TITLE Inner DC Block From 10 MHz to 18 GHz With N Connectors		DWG NO SD3464		CAGE CODE 3FKR5	
CAD FILE	070716	SHEET	SCALE	N/A	SIZE A 2233