

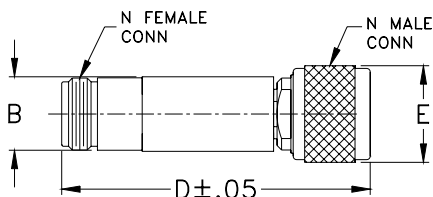
DC Passing Attenuator Fixed

50Ω 1700 to 3300 MHz

Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
Permanent damage may occur if any of these limits are exceeded.	

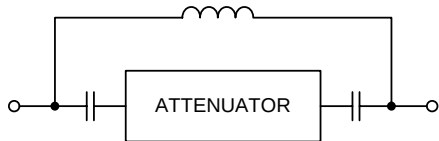
Outline Drawing



Outline Dimensions (inch/mm)

B	D	E	wt
.67	2.90	.82	grams
17.02	73.66	20.83	90.0

Electrical Schematic



Features

- high DC current handling
- high DC breakdown voltage
- DC resistance (in/out) 0.1Ω, typ.

Applications

- power passing
- instrumentation
- test equipment
- lab use

NAT-3DC-3A+



CASE STYLE: FF57			
Connectors	Model	Price	Qty.
N-Type	NAT-3DC-3A+	\$21.95 ea.	(1-9)

+ RoHS compliant in accordance with EU Directive (2002/95/EC)

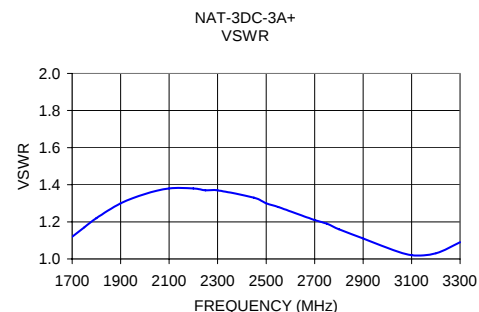
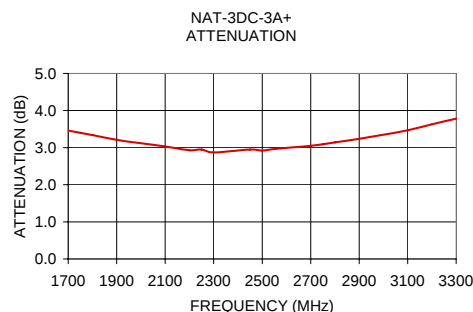
The +Suffix has been added in order to identify RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

Electrical Specifications (T_{AMB} = 25°C)

FREQUENCY (MHz)	ATTENUATION (dB)		VSWR (:1)	POWER (mW)	DC CURRENT (Amps)	DC BREAKDOWN (Volts)
	Nom.	Flatness, Max.	Max.	Max.	Max.	Max.
1700-3300	3.0±0.7	±0.7	1.6	1000	3	50

Typical Performance Data at 25°C

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
1700.00	3.46	1.12
1750.00	3.40	1.17
1800.00	3.34	1.22
1900.00	3.21	1.30
2000.00	3.12	1.35
2100.00	3.03	1.38
2200.00	2.93	1.38
2250.00	2.95	1.37
2300.00	2.87	1.37
2450.00	2.95	1.33
2500.00	2.92	1.30
2550.00	2.96	1.28
2700.00	3.05	1.21
2750.00	3.09	1.19
2800.00	3.14	1.16
2900.00	3.24	1.11
3000.00	3.35	1.06
3100.00	3.47	1.02
3200.00	3.63	1.03
3300.00	3.78	1.09



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ISO 9001 ISO 14001 AS 9100 CERTIFIED

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IF/RF MICROWAVE COMPONENTS

Notes: 1. Performance and quality attributes and conditions not expressly stated in this specification sheet are intended to be excluded and do not form a part of this specification sheet. 2. Electrical specifications and performance data contained herein are based on Mini-Circuit's applicable established test performance criteria and measurement instructions. 3. The parts covered by this specification sheet are subject to Mini-Circuits standard limited warranty and terms and conditions (collectively, "Standard Terms"); Purchasers of this part are entitled to the rights and benefits contained therein. For a full statement of the Standard Terms and the exclusive rights and remedies thereunder, please visit Mini-Circuits' website at www.minicircuits.com/MCLStore/terms.jsp.

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NAT-3DC-3A+
ED-12868/1
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