

# DC Passing Attenuator Fixed

## NAT-15DC-2.5A+

50Ω 1700 to 4000 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.



Connectors	Model	Price	Qty.
N-Type	NAT-15DC-2.5A+	\$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.

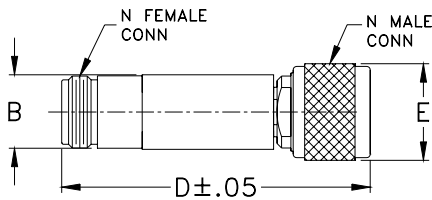
### Features

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

### Applications

- power passing
- instrumentation
- test equipment
- lab use

### Outline Drawing



### Outline Dimensions (inch/mm)

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

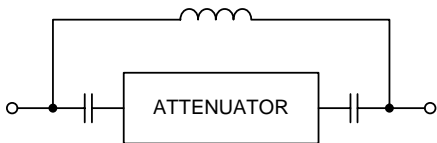
### Electrical Specifications (T<sub>AMB</sub> = 25°C)

FREQUENCY (MHz)	ATTENUATION (dB)		VSWR (:1)	POWER (mW)	DC CURRENT (Amps)	DC BREAKDOWN (Volts)
	Nom.	Flatness, Max.	Max.	Max.	Max.	Max.
1700-4000	15±0.8	±0.6	1.5	1000	2.5	50

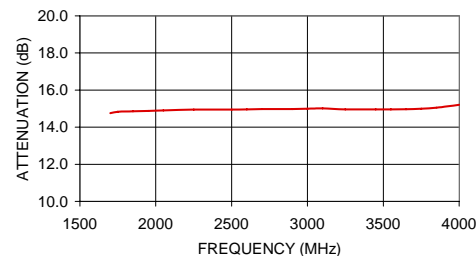
### Typical Performance Data at 25°C

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
1700.00	14.76	1.19
1750.00	14.83	1.16
1850.00	14.86	1.12
1950.00	14.88	1.11
2050.00	14.90	1.11
2250.00	14.95	1.14
2500.00	14.95	1.18
2600.00	14.96	1.20
2700.00	14.98	1.21
2800.00	14.98	1.22
2900.00	14.98	1.23
3000.00	15.00	1.24
3100.00	15.01	1.25
3250.00	14.96	1.26
3450.00	14.96	1.26
3550.00	14.96	1.26
3650.00	14.97	1.26
3750.00	15.00	1.25
3850.00	15.05	1.25
4000.00	15.21	1.25

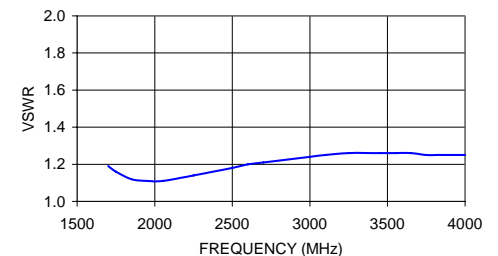
### Electrical Schematic



NAT-15DC-2.5A+ ATTENUATION



NAT-15DC-2.5A+ VSWR



**Mini-Circuits®**  
ISO 9001 ISO 14001 AS 9100 CERTIFIED

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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-Circuits' 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](http://www.minicircuits.com/MCLStore/terms.jsp).

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M109697  
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ED-12865/1  
WZ/CP  
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