DC Passing

Attenuator Fixed

NAT-3DC+

50Ω 200 to 2500 MHz



CASE STYLE: FF57

Connectors	Model	Price	Qty.
N-Type	NAT-3DC+	$19.95 ea.	(1-9)

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.

Features

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

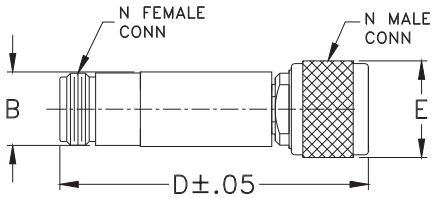
Applications

- power passing
- instrumentation
- test equipment
- lab use

+RoHS Compliant

The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications

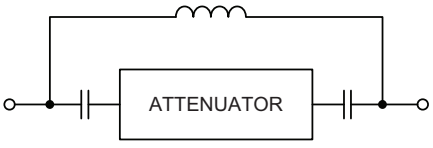
Outline Drawing



Outline Dimensions (inch / mm)

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

Electrical Schematic

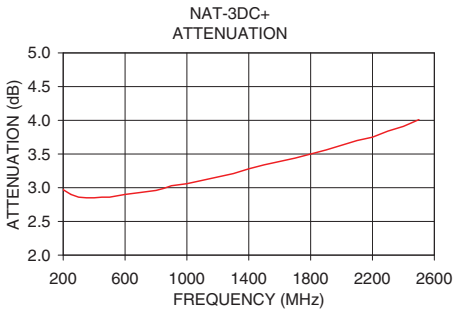


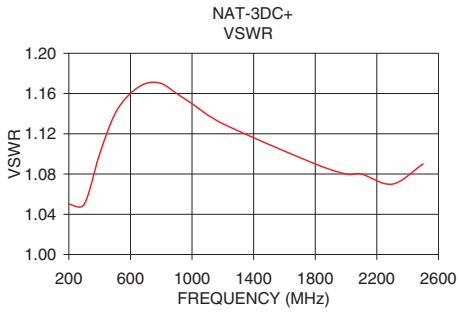
Electrical Specifications (T_{AMB}= 25°C)

FREQUENCY (MHz)	ATTENUATION (dB)		VSWR (:1)	POWER (mW)	DC CURRENT (Amps)	DC BREAKDOWN (Volts)
	Nom.	Flatness, Max.	Max.	Max.	Max.	Max.
200 - 2500	3± 0.5	± 0.8	1.25	500	1	60

Typical Performance Data at 25°C

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
200.00	2.97	1.05
300.00	2.86	1.01
400.00	2.85	1.04
500.00	2.86	1.07
600.00	2.90	1.10
700.00	2.93	1.12
800.00	2.96	1.14
900.00	3.03	1.16
1000.00	3.06	1.17
1200.00	3.16	1.19
1300.00	3.21	1.20
1400.00	3.28	1.20
1500.00	3.34	1.20
1600.00	3.39	1.20
1700.00	3.44	1.19
1800.00	3.50	1.18
2000.00	3.63	1.15
2100.00	3.70	1.13
2300.00	3.84	1.09
2500.00	4.01	1.05





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.

REV. OR
M95013
NAT-3DC+
ED-11883/1
HY/RAV
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