DC Passing
Attenuator Fixed

NAT-3DC-2A+

50Ω 1000 to 3500 MHz

CASE STYLE: FF57

Connectors	Model	Price	Qty.
N-Type	NAT-3DC-2A+	$20.95 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.

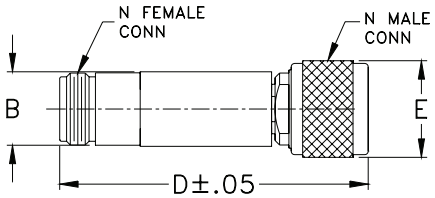
Applications

- power passing
- instrumentation
- test equipment
- lab use

+RoHS Compliant

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

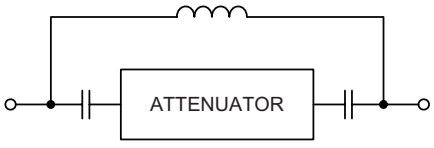
Outline Drawing



Outline Dimensions (inch / mm)

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

Electrical Schematic



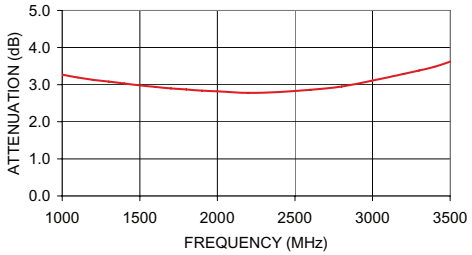
Electrical Specifications (T_{AMB} = 25°C)

FREQUENCY (MHz)	ATTENUATION (dB)		VSWR (:1)	POWER (mW)	DC CURRENT (Amps)	DC BREAKDOWN (Volts)
	Nom.	Flatness, Max.	Max.	Max.	Max.	Max.
1000-3500	3±0.5	±0.8	1.7	1000	2	50

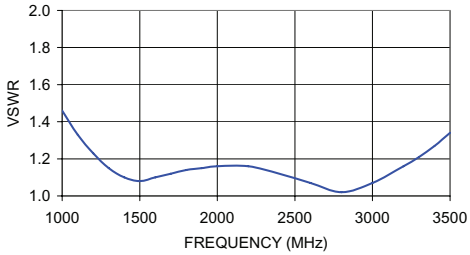
Typical Performance Data at 25°C

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
1000.00	3.27	1.46
1100.00	3.19	1.33
1200.00	3.13	1.23
1300.00	3.08	1.15
1400.00	3.03	1.10
1500.00	2.98	1.08
1600.00	2.94	1.10
1700.00	2.90	1.12
1800.00	2.87	1.14
1900.00	2.84	1.15
2000.00	2.82	1.16
2200.00	2.78	1.16
2400.00	2.80	1.12
2600.00	2.86	1.07
2800.00	2.95	1.02
3000.00	3.11	1.07
3200.00	3.29	1.16
3300.00	3.38	1.21
3400.00	3.48	1.27
3500.00	3.62	1.34

NAT-3DC-2A+
ATTENUATION



NAT-3DC-2A+
VSWR



Notes
A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.
C. The parts covered by this specification document 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