

DC Passing Attenuator Fixed

NAT-15DC-1.5A+

50Ω 950 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.

Features

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



Generic photo used for illustration purposes only

CASE STYLE: FF57

Connectors	Model
N-Type	NAT-15DC-1.5A+

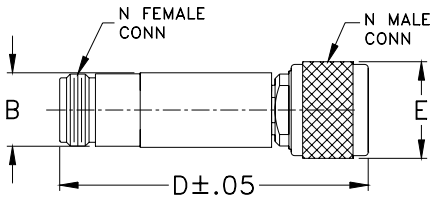
Applications

- 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

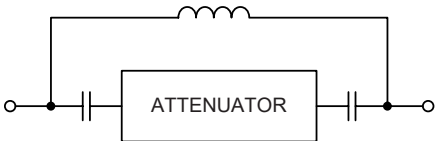
Electrical Specifications (T_{AMB} = 25°C)

FREQUENCY (MHz)	ATTENUATION (dB)		VSWR (:1)	POWER (mW)	DC CURRENT (Amps)	DC BREAK-DOWN (Volts)
	Nom.	Flatness, Max.	Max.	Max.	Max.	Max.
950-4000	15±0.7	±0.6	1.6	1000	1.5	50

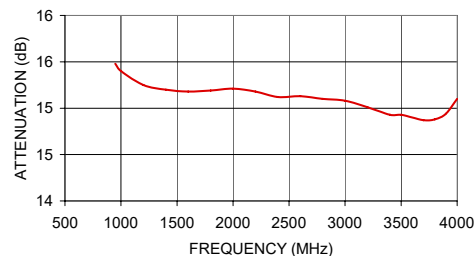
Typical Performance Data at 25°C

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
950.00	15.48	1.42
1000.00	15.40	1.34
1200.00	15.25	1.17
1400.00	15.20	1.12
1600.00	15.18	1.12
1800.00	15.19	1.15
2000.00	15.21	1.18
2200.00	15.18	1.21
2400.00	15.12	1.23
2600.00	15.13	1.25
2800.00	15.10	1.26
3000.00	15.08	1.26
3200.00	15.01	1.26
3400.00	14.93	1.25
3500.00	14.93	1.24
3600.00	14.90	1.23
3700.00	14.87	1.21
3800.00	14.88	1.19
3900.00	14.94	1.16
4000.00	15.10	1.12

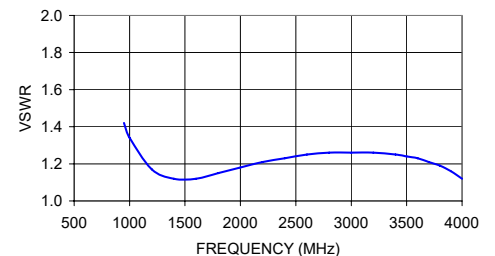
Electrical Schematic



NAT-15DC-1.5A+ ATTENUATION



NAT-15DC-1.5A+ VSWR



Notes

- 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.
- Electrical specifications and performance data contained in this specification document are based on Mini-Circuit's applicable established test performance criteria and measurement instructions.
- 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

