

Attenuator Fixed

NAT-6DC+

50Ω 200 to 2500 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.



CASE STYLE: FF57

Connectors	Model
N-Type	NAT-6DC+

Features

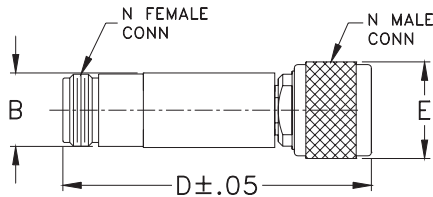
- high DC current handling
- high DC breakdown voltage
- DC resistance (in/out) 0.1Ω, typ.

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

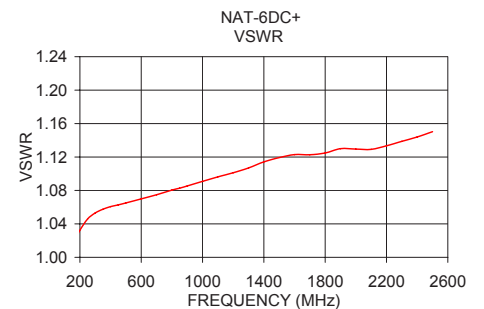
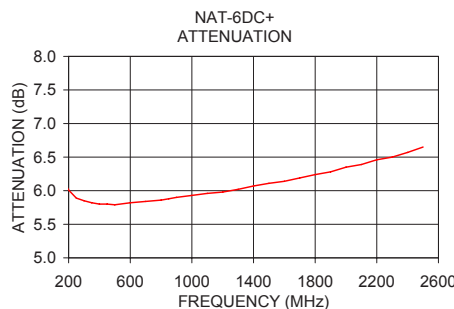
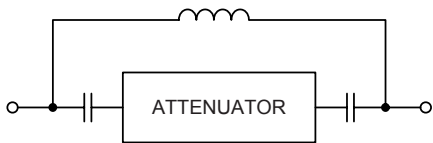
Electrical Specifications (T_{AMB} = 25°C)

FREQUENCY (MHz)	ATTENUATION (dB)		VSWR (:1)	POWER (mW)	DC CURRENT (Amps)	DC BREAKDOWN (Volts)
	Nom.	Flatness, Max.	Max.	Max.	Max.	Max.
200 - 2500	6± 0.5	± 0.8	1.40	375	1	60

Typical Performance Data at 25°C

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
200.00	6.01	1.03
300.00	5.85	1.05
400.00	5.80	1.06
500.00	5.79	1.07
600.00	5.82	1.07
700.00	5.84	1.07
800.00	5.86	1.08
900.00	5.90	1.09
1000.00	5.93	1.09
1200.00	5.98	1.10
1300.00	6.02	1.11
1400.00	6.07	1.11
1500.00	6.11	1.12
1600.00	6.14	1.12
1700.00	6.19	1.12
1800.00	6.24	1.12
2000.00	6.35	1.13
2100.00	6.39	1.13
2300.00	6.50	1.14
2500.00	6.65	1.15

Electrical Schematic



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.
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