

# Attenuator Fixed

NAT-20DC+

50Ω 500 to 2300 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.



CASE STYLE: FF57  
Connectors Model  
N-Type NAT-20DC+

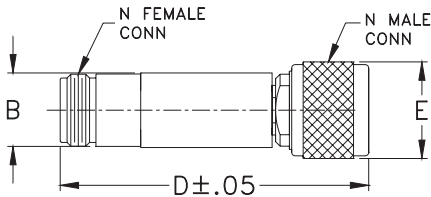
### Applications

- 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

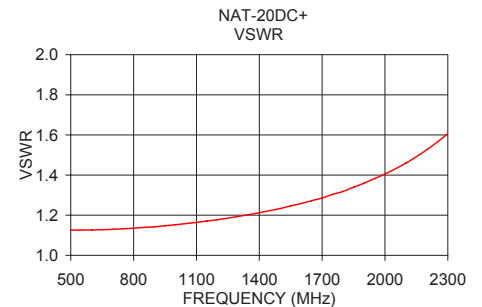
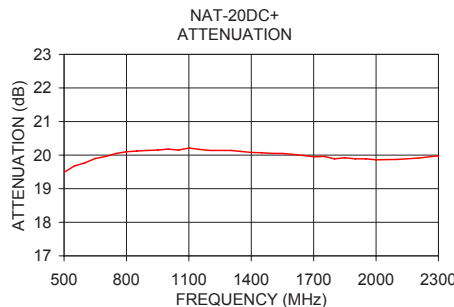
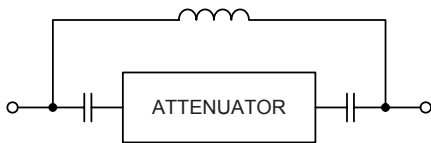
### Electrical Specifications (T<sub>AMB</sub> = 25°C)

FREQUENCY (MHz)	ATTENUATION (dB)		VSWR (:1)	POWER (mW)	DC CURRENT (Amps)	DC BREAKDOWN (Volts)
	Nom.	Flatness, Max.	Max.	Max.	Max.	Max.
500 - 2300	20 ± 0.5	± 1.2	1.80	400	4	125

### Typical Performance Data at 25°C

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
500.00	19.49	1.13
600.00	19.77	1.13
700.00	19.96	1.13
800.00	20.10	1.14
900.00	20.14	1.14
1000.00	20.18	1.15
1100.00	20.21	1.16
1200.00	20.14	1.18
1300.00	20.14	1.19
1400.00	20.08	1.21
1450.00	20.07	1.22
1500.00	20.05	1.23
1600.00	20.02	1.26
1700.00	19.95	1.29
1800.00	19.89	1.32
1900.00	19.89	1.36
2000.00	19.86	1.41
2100.00	19.87	1.46
2200.00	19.91	1.53
2300.00	19.98	1.61

### 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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