

# Attenuator Fixed

## NAT-10DC+

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.	

### Features

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



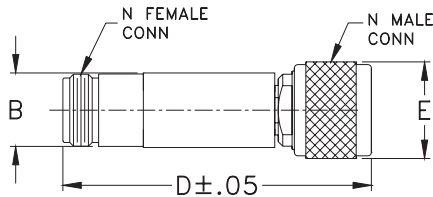
CASE STYLE: FF57  
 Connectors Model  
 N-Type NAT-10DC+

### 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

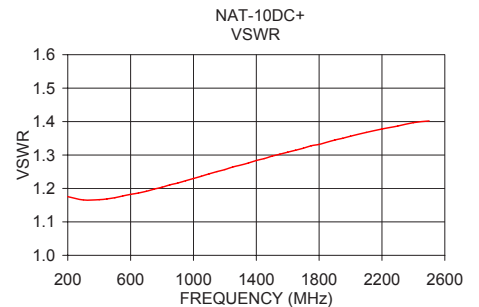
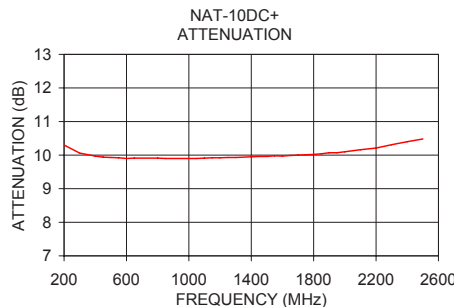
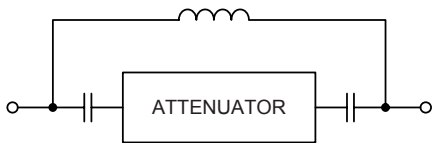
### Electrical Specifications (T<sub>AMB</sub> = 25°C)

FREQUENCY (MHz)	ATTENUATION (dB)		VSWR (:1)	POWER (mW)	DC CURRENT (Amps)	DC BREAKDOWN (Volts)
	Nom.	Flatness, Max.	Max.	Max.	Max.	Max.
200 - 2500	10 ± 0.3	± 1.0	1.60	600	4	125

### Typical Performance Data at 25°C

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
200.00	10.30	1.18
300.00	10.06	1.17
400.00	9.97	1.17
500.00	9.93	1.17
600.00	9.90	1.18
700.00	9.91	1.19
800.00	9.91	1.20
900.00	9.90	1.22
1000.00	9.90	1.23
1200.00	9.92	1.26
1300.00	9.93	1.27
1400.00	9.95	1.28
1500.00	9.96	1.30
1600.00	9.97	1.31
1700.00	10.00	1.32
1800.00	10.02	1.33
2000.00	10.10	1.36
2100.00	10.16	1.37
2300.00	10.31	1.39
2500.00	10.48	1.40

### 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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