

DC Passing Attenuator Fixed

NAT-10DC-2.5A+

50Ω 1700 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.

Applications

- power passing
- instrumentation
- test equipment
- lab use

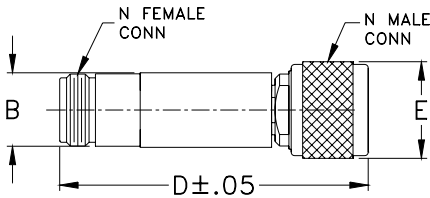


CASE STYLE: FF57
Connectors Model
N-Type NAT-10DC-2.5A+

+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

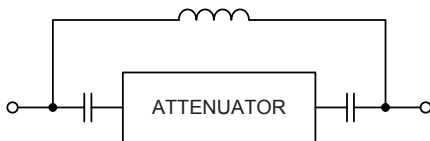
Electrical Specifications (T_{AMB} = 25°C)

FREQUENCY (MHz)	ATTENUATION (dB)		VSWR (:1)	POWER (mW)	DC CURRENT (Amps)	DC BREAKDOWN (Volts)
	Nom.	Flatness, Max.	Max.	Max.	Max.	Max.
1700-4000	10±0.5	±0.6	1.6	1000	2.5	50

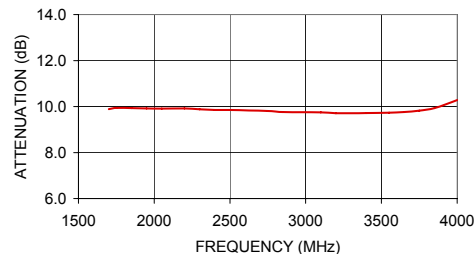
Typical Performance Data at 25°C

Frequency (MHz)	Attenuation (dB)	VSWR (:1)
1700.00	9.89	1.32
1750.00	9.94	1.30
1850.00	9.93	1.26
1950.00	9.92	1.24
2050.00	9.91	1.23
2200.00	9.92	1.23
2300.00	9.88	1.23
2400.00	9.85	1.22
2500.00	9.85	1.22
2750.00	9.81	1.21
2850.00	9.76	1.20
3100.00	9.75	1.17
3200.00	9.71	1.16
3300.00	9.71	1.13
3400.00	9.72	1.10
3550.00	9.73	1.06
3650.00	9.76	1.03
3750.00	9.82	1.04
3850.00	9.93	1.10
4000.00	10.28	1.21

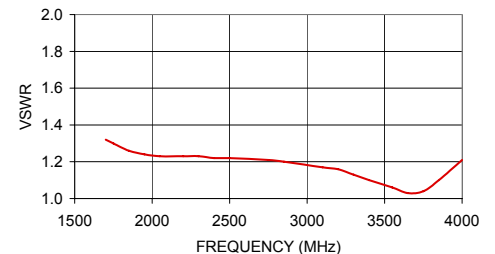
Electrical Schematic



NAT-10DC-2.5A+
ATTENUATION



NAT-10DC-2.5A+
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.
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