

DC Passing Attenuator Fixed

50Ω 950 to 4000 MHz

NAT-15DC-1.5A+



CASE STYLE: FF57
Connectors Model
N-Type NAT-15DC-1.5A+

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.

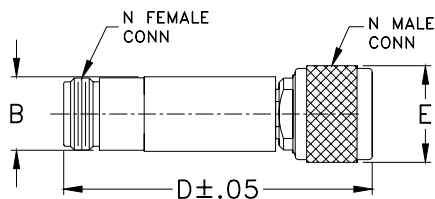
Applications

- power passing
- instrumentation
- test equipment
- lab use

+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 |

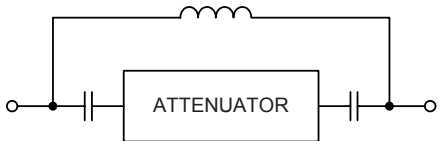
Electrical Specifications (T_{AMB} = 25°C)

| 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 |

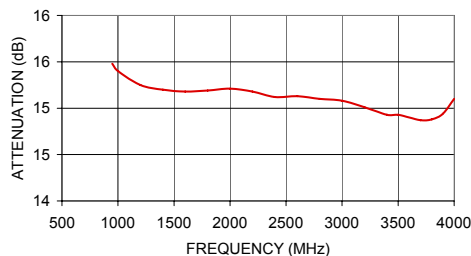
Typical Performance Data at 25°C

| 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 |

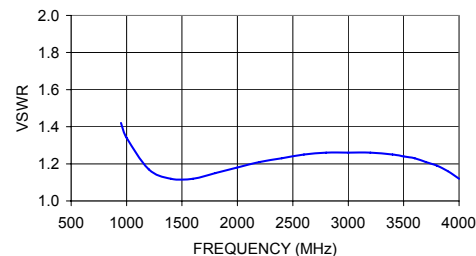
Electrical Schematic



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.
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