

## TECHNICAL DATA

### Electrical

|                 |              |
|-----------------|--------------|
| Impedance       | 50 $\Omega$  |
| Frequency Range | DC to 3GHz   |
| VSWR            | $\leq 1.20$  |
| Attenuation     | 20 $\pm$ 1dB |
| Power Handling  | 150W         |

### Mechanical & Environmental

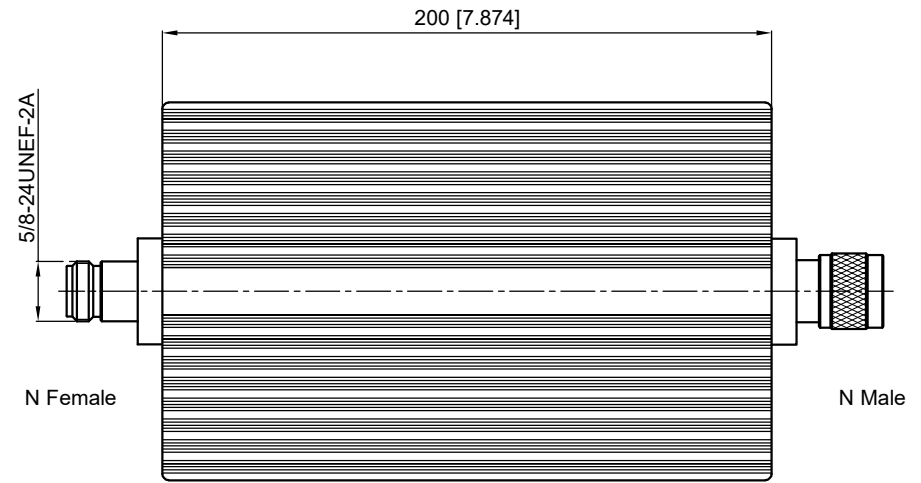
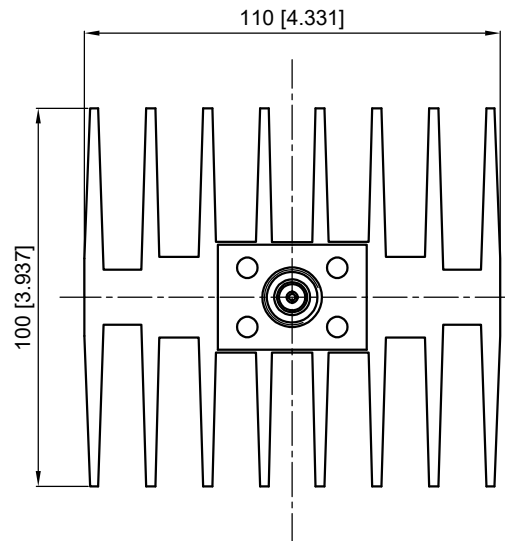
|                      |                  |
|----------------------|------------------|
| Durability (matings) | >500             |
| Temperature range    | -55 °C ~ +125 °C |
| RoHS Compliant       | Yes              |

### Material & Finish

|              |                       |
|--------------|-----------------------|
| Body         | Brass, Nickel-plated  |
| Pin Contact  | Brass,Gold-plated     |
| Coupling Nut | Brass, Nickel-plated  |
| Radiator     | Aluminium, Blackening |
| Insulator    | PTFE                  |
| Gasket       | Silicone Rubber       |

### Interface Standards

|   |           |
|---|-----------|
| N | IEC-60169 |
|---|-----------|



#### NOTES:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
3. TECHNICAL DATA VALUES AT 25°C, SEA LEVEL.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES].  
UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES ARE:

|     |                    |
|-----|--------------------|
| .XX | $\pm 0.13$ [.005"] |
| .X  | $\pm 0.20$ [.008"] |
| X   | $\pm 0.50$ [.019"] |

ANGULAR TOLERANCES ARE: ALL $\pm$ 1°

DO NOT SCALE DRAWING

PROJECTION:

|           |         |            |
|-----------|---------|------------|
| DRAWN:    | L. Ma   | 09/27/2021 |
| CHECKED:  | J. Zhu  | 09/27/2021 |
| APPROVED: | M. Dong | 09/27/2021 |

TITLE:

Fixed Attenuator, N Male to N Female, 3GHz, 150W, 20dB

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PART No.:

**AT-N-3-20-225**

|             |               |               |           |
|-------------|---------------|---------------|-----------|
| SIZE:<br>A4 | SCALE:<br>1:2 | SHEET:<br>1/1 | REV:<br>A |
|-------------|---------------|---------------|-----------|