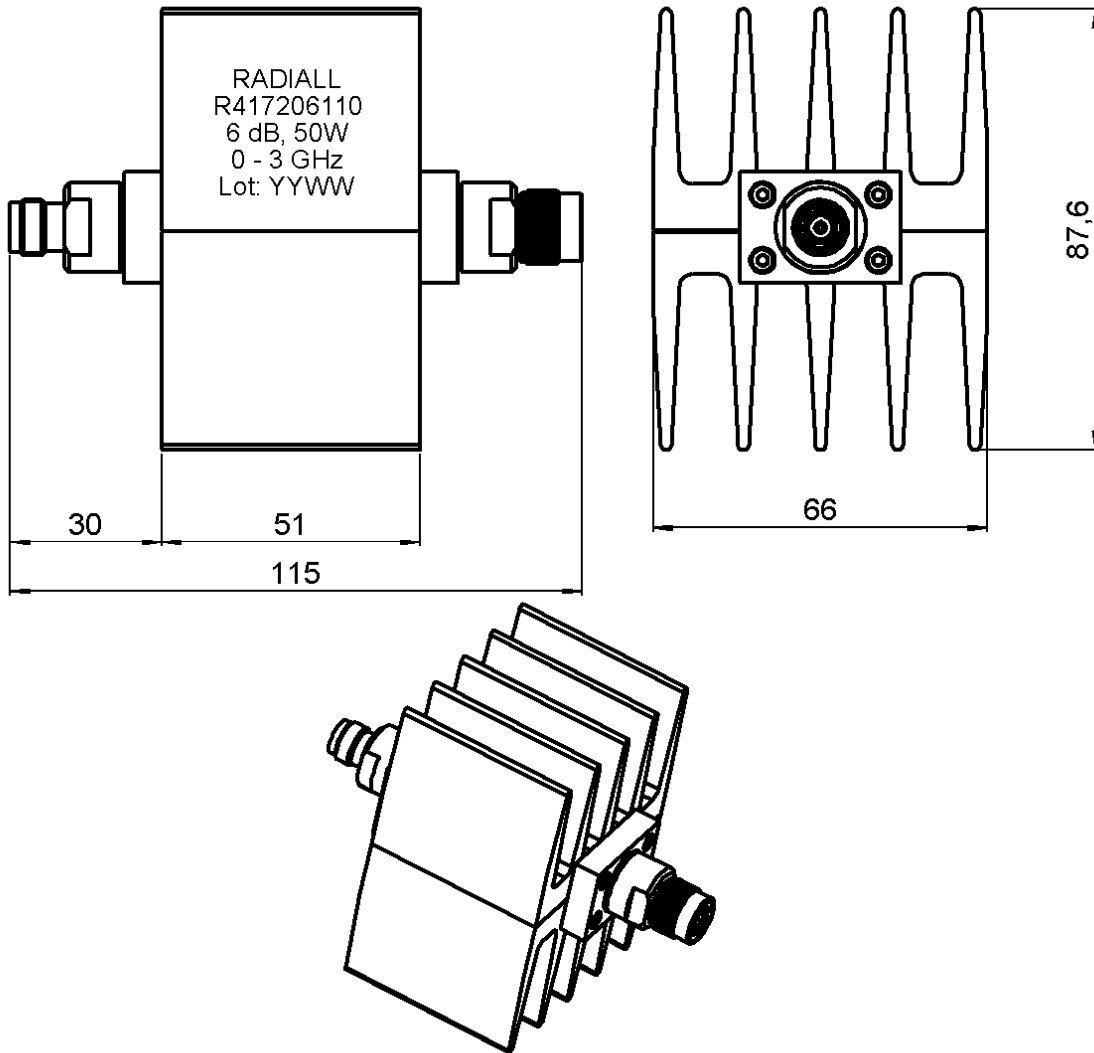


TNC ATTENUATOR
6 DB 3 GHZ 50W

R417.206.110
Series : ATTENUATOR



All dimensions are in mm.



| COMPONENTS | MATERIALS | PLATING(μm) |
|-----------------------|------------------|-----------------------|
| BODY | STAINLESS STEEL | PASSIVATION |
| MALE CENTER CONTACT | BERYLLIUM COPPER | GOLD 1.3 OVER NICKEL2 |
| FEMALE CENTER CONTACT | BERYLLIUM COPPER | GOLD 1.3 OVER NICKEL2 |
| OUTER CONTACT | | |
| INSULATOR | PTFE | |
| GASKET | SILICONE RUBBER | |
| SUBSTRATE | ALUMINA | |
| RESISTOR | THICK FILM | |
| OTHERS PARTS | ALUMINIUM | BLACK PAINTING |

Issue : 0842 A

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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ELECTRICAL CHARACTERISTICS

| | | | |
|-----------------|--------|-------|-------|
| Frequency (GHz) | DC - 1 | 1 - 2 | 2 - 3 |
| V.S.W.R (≤) | 1.10 | 1.25 | 1.35 |
| Deviation(±dB) | 0.7 | 0.7 | 0.7 |

| | | |
|------------------------------|--------|-----------------------|
| Operating Frequency Range | DC - 3 | GHz |
| Impedance | 50 | Ω |
| Nominal Attenuation | 6 | dB |
| Peak power at 25°C (1μs, 1%) | 5000 | W |
| Average power at 25°C | 50 | W (Free Air Cooled) |
| | | W (Conduction Cooled) |

MECHANICAL CHARACTERISTICS

| | | | |
|------------|------------|-------------|-------------|
| Connectors | TNC | Male Female | MIL-C 39012 |
| Weight | 429,0000 g | | |

ENVIRONMENTAL CHARACTERISTICS

| | |
|-----------------------------|--------------|
| Operating temperature range | -55 /+125 °C |
| Storage temperature range | -55 /+125 °C |



SPECIFICATION

OTHER CHARACTERISTICS

Issue : 0842 A

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