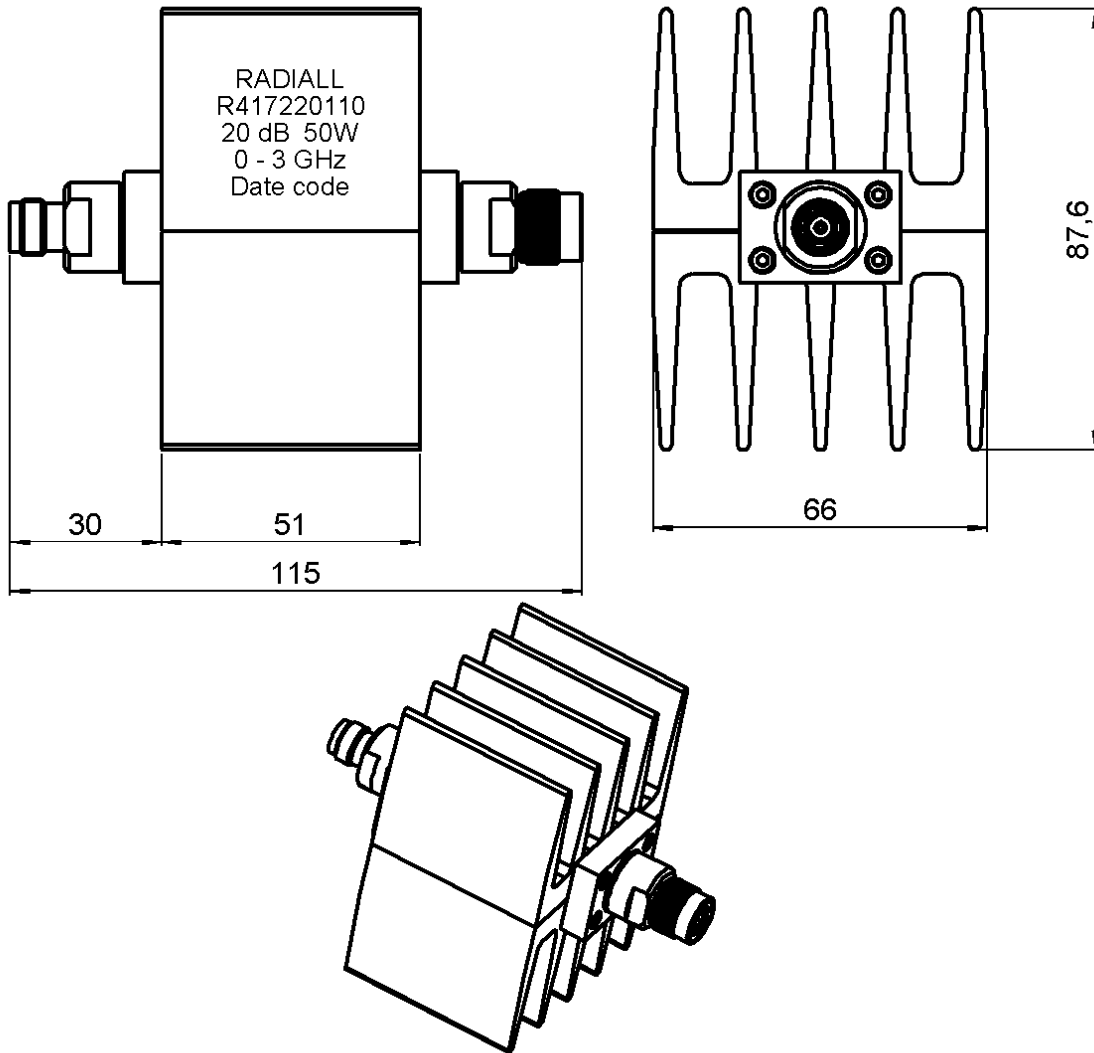


**TNC ATTENUATOR**  
**20 DB 3 GHZ 50W**

**R417.220.110**  
Series : **ATTENUATOR**



All dimensions are in mm.



| COMPONENTS            | MATERIALS        | PLATING(μm)            |
|-----------------------|------------------|------------------------|
| BODY                  | STAINLESS STEEL  | PASSIVATION            |
| MALE CENTER CONTACT   | BERYLLIUM COPPER | GOLD 1.3 OVER NICKEL 2 |
| 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)  | 2      | 2     | 2     |

|                              |        |                       |
|------------------------------|--------|-----------------------|
| Operating Frequency Range    | DC - 3 | GHz                   |
| Impedance                    | 50     | Ω                     |
| Nominal Attenuation          | 20     | 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     | 429,0200 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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