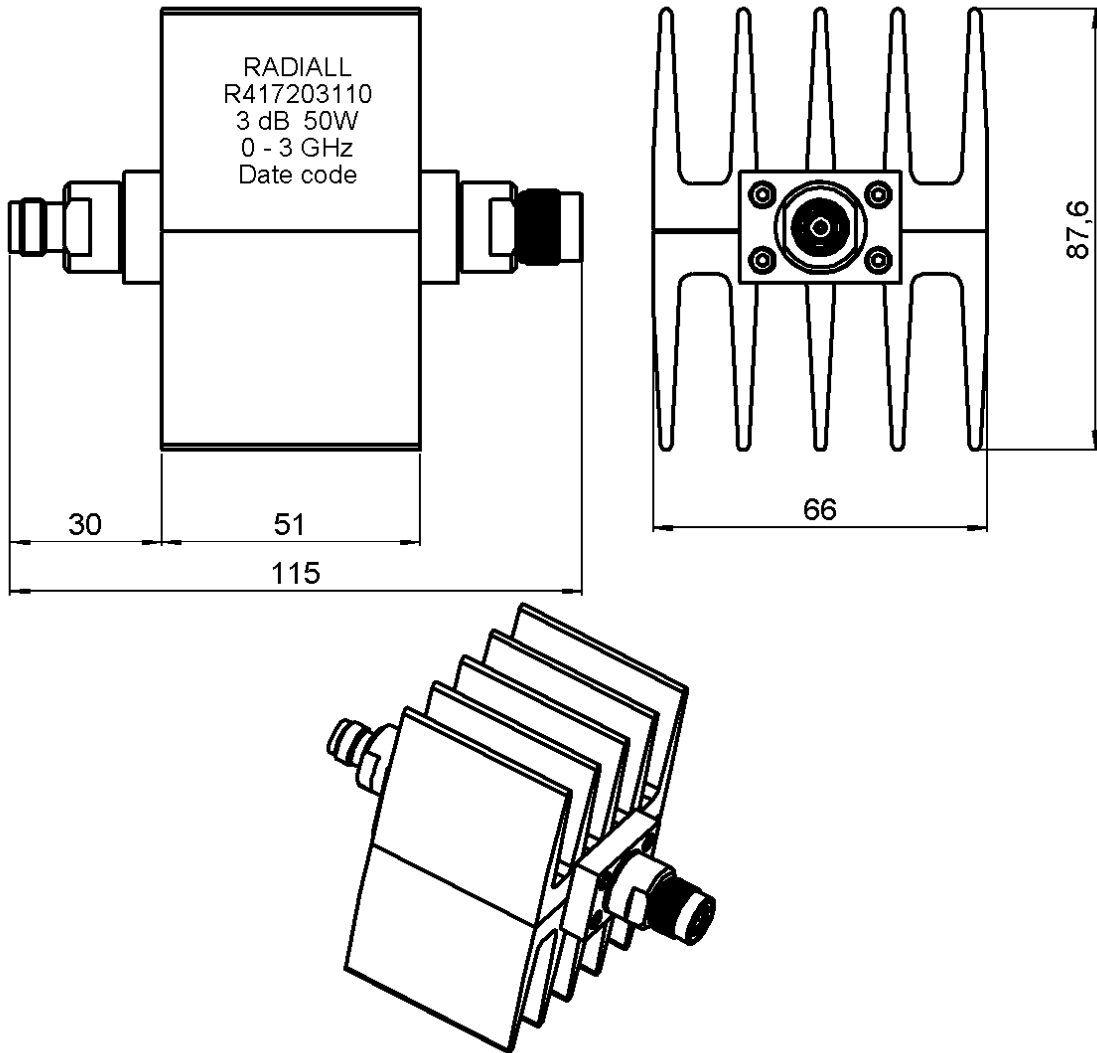


**TNC ATTENUATOR**

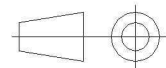
**3 DB 3 GHZ 50W**

**R417.203.110**

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.

**RADIAL** 

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

**R417.203.110**

Series : ATTENUATOR

**ELECTRICAL CHARACTERISTICS**

|                      |        |       |       |
|----------------------|--------|-------|-------|
| Frequency (GHz)      | DC - 1 | 1 - 2 | 2 - 3 |
| V.S.W.R ( $\leq$ )   | 1.10   | 1.25  | 1.35  |
| Deviation( $\pm$ dB) | 0.7    | 0.7   | 0.7   |

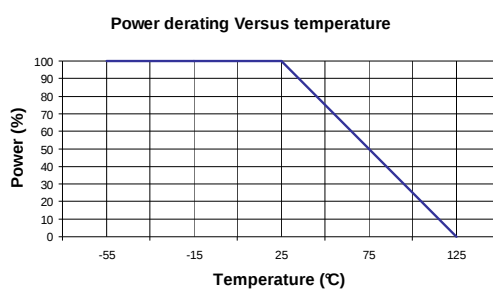
|                                    |        |                       |
|------------------------------------|--------|-----------------------|
| Operating Frequency Range          | DC - 3 | GHz                   |
| Impedance                          | 50     | $\Omega$              |
| Nominal Attenuation                | 3      | dB                    |
| Peak power at 25°C (1 $\mu$ s, 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

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

**RADIAL** 