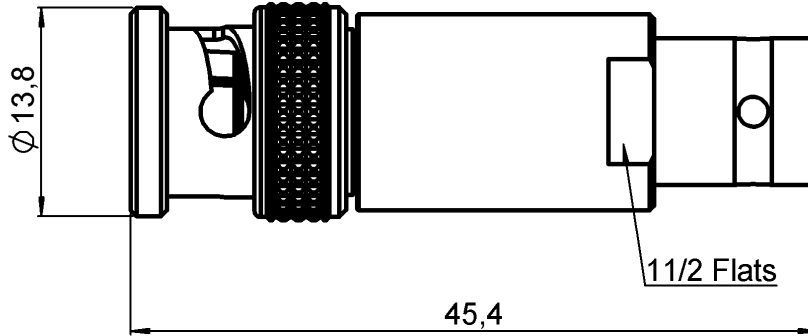


**BNC ATTENUATOR**  
**12 DB 2 GHZ 2W**

**R412.412.000**

Series : ATTENUATOR



SCALE 1/1



All dimensions are in mm.



| COMPONENTS            | MATERIALS        | PLATING( $\mu\text{m}$ )   |
|-----------------------|------------------|----------------------------|
| BODY                  | BRASS            | NICKEL 5                   |
| MALE CENTER CONTACT   | BERYLLIUM COPPER | GOLD 2.5 OVER NICKEL 1     |
| FEMALE CENTER CONTACT | BERYLLIUM COPPER | GOLD 2.54 OVER NICKEL 1.27 |
| OUTER CONTACT         |                  |                            |
| INSULATOR             | PTFE             |                            |
| GASKET                | SILICONE RUBBER  |                            |
| SUBSTRATE             | ALUMINA          |                            |
| RESISTOR              | THIN FILM        |                            |
| OTHERS PARTS          |                  |                            |

Issue : 0835 B

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

RADIALL 

**BNC ATTENUATOR**  
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**ELECTRICAL CHARACTERISTICS**

|                      |        |
|----------------------|--------|
| Frequency (GHz)      | DC - 2 |
| V.S.W.R ( $\leq$ )   | 1.20   |
| Deviation( $\pm$ dB) | 0.35   |

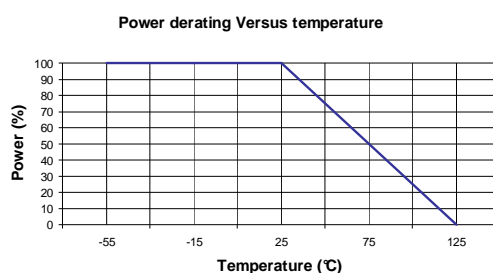
|                                    |        |                       |
|------------------------------------|--------|-----------------------|
| Operating Frequency Range          | DC - 2 | GHz                   |
| Impedance                          | 50     | $\Omega$              |
| Nominal Attenuation                | 12     | dB                    |
| Peak power at 25°C (1 $\mu$ s, 1%) | 100    | W                     |
| Average power at 25°C              | 2      | W (Free Air Cooled)   |
|                                    |        | W (Conduction Cooled) |

**MECHANICAL CHARACTERISTICS**

|            |           |             |             |
|------------|-----------|-------------|-------------|
| Connectors | BNC       | Male Female | MIL-C 39012 |
| Weight     | 29,2160 g |             |             |

**ENVIRONMENTAL CHARACTERISTICS**

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

**SPECIFICATION****OTHER CHARACTERISTICS**

Issue : 0835 B

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