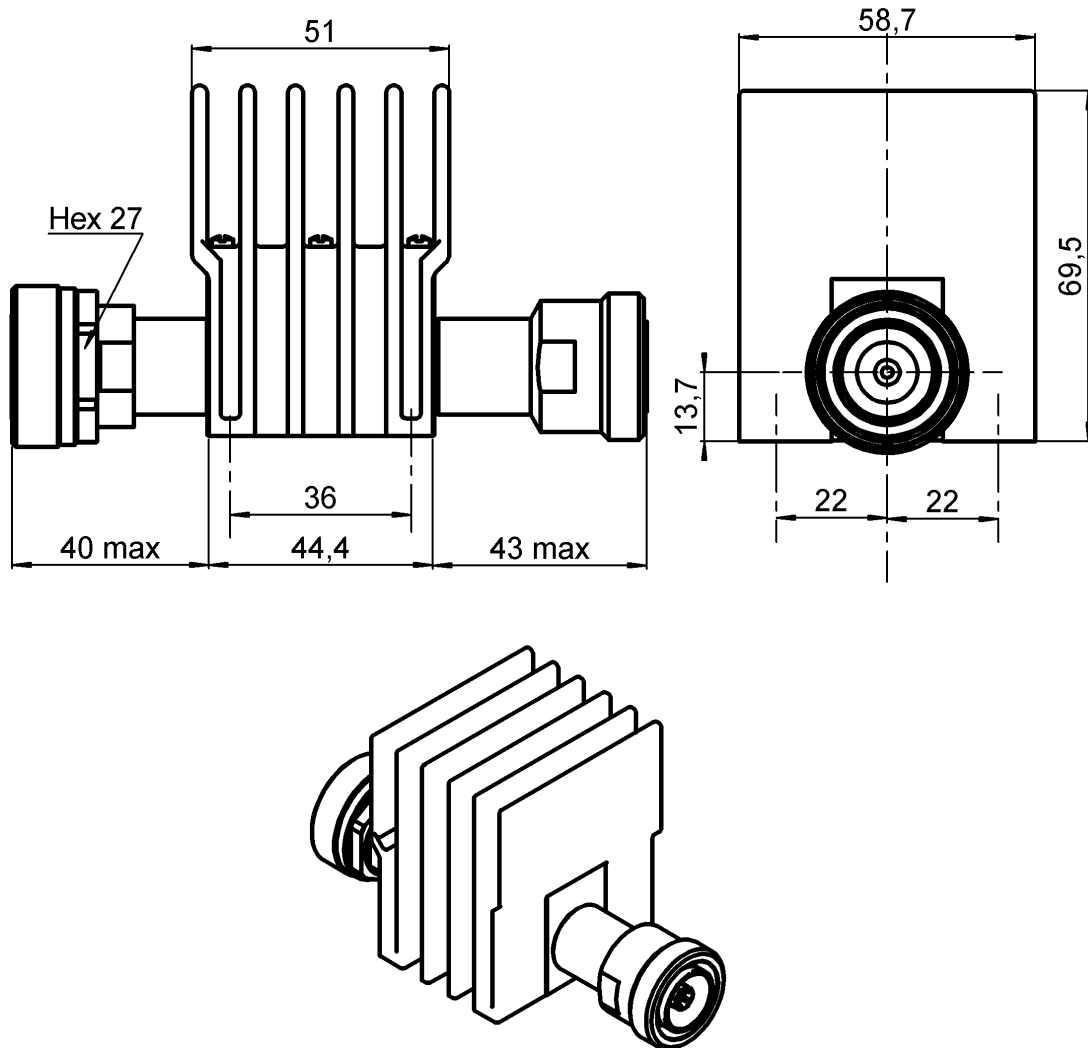


7-16 ATTENUATOR

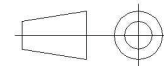
6 DB 4 GHZ 25W

**R420.306.110**

Series : ATTENUATOR



All dimensions are in mm.



| COMPONENTS            | MATERIALS        | PLATING(μm)           |
|-----------------------|------------------|-----------------------|
| BODY                  | ALUMINIUM        | BLACK ANODIZATION     |
| MALE CENTER CONTACT   | BRASS            | BBR 0.5 OVER SILVER 3 |
| FEMALE CENTER CONTACT | BERYLLIUM COPPER | BBR 0.5 OVER SILVER 3 |
| OUTER CONTACT         | BRASS            | BBR 0.5 OVER SILVER 5 |
| INSULATOR             | PTFE             |                       |
| GASKET                | SILICONE RUBBER  |                       |
| SUBSTRATE             | ALUMINA          |                       |
| RESISTOR              | THICK FILM       |                       |
| OTHERS PARTS          | ALUMINIUM        | BLACK ANODIZATION     |

Issue : 0543 A

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

**7-16 ATTENUATOR****6 DB 4 GHZ 25W****R420.306.110****Series : ATTENUATOR****ELECTRICAL CHARACTERISTICS**

|                      |        |       |       |
|----------------------|--------|-------|-------|
| Frequency (GHz)      | DC - 1 | 1 - 2 | 2 - 4 |
| V.S.W.R ( $\leq$ )   | 1.10   | 1.20  | 1.35  |
| Deviation( $\pm$ dB) | 0.60   | 0.60  | 0.60  |

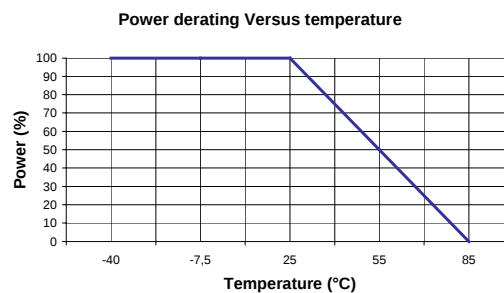
|                                    |        |                       |
|------------------------------------|--------|-----------------------|
| Operating Frequency Range          | DC - 4 | GHz                   |
| Impedance                          | 50     | $\Omega$              |
| Nominal Attenuation                | 6      | dB                    |
| Peak power at 25°C (1 $\mu$ s, 1%) | 5000   | W                     |
| Average power at 25°C              | 25     | W (Free Air Cooled)   |
|                                    |        | W (Conduction Cooled) |

**MECHANICAL CHARACTERISTICS**

|            |         |             |           |
|------------|---------|-------------|-----------|
| Connectors | 7-16    | Male Female | IEC 169-4 |
| Weight     | 512.052 | g           |           |

**ENVIRONMENTAL CHARACTERISTICS**

|                             |              |
|-----------------------------|--------------|
| Operating temperature range | -40 / +85 °C |
| Storage temperature range   | -40 / +85 °C |

**SPECIFICATION****OTHER CHARACTERISTICS****Issue : 0543 A**

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